ARCTIC DATA COMPILATION AND APPRAISAL
VOLUME 20 (PART 1)
Beaufort Sea: Chemical Oceanography - Hydrocarbons, Metals, Pigments, Nutrients, Oxygen and Others
REVISED AND UPDATED TO INCLUDE 1950 THROUGH 1987

D.J. Thomas[1], F. Noone[1], A. Blyth[1] and B.D. Smiley[2]

[1]Seakem Oceanography Ltd.
Sidney, B.C. V8L 3S8

[2]Institute of Ocean Sciences
Sidney, B.C. V8L 4B2

Institute of Ocean Sciences
Department of Fisheries and Oceans
Sidney, B.C. V8L 4B2

1990

CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES NO. 5

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Sidney, B.C., V8L 4B2

Institute of Ocean Sciences
Department of Fisheries and Oceans

Sidney, B.C., V8L 4B2

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PREFACE

These catalogues are produced by the Data Assessment Division at the Institute of Ocean Sciences. Joint government and industry contract projects have catalogued marine data sets with their focus being primarily upon oceanography and fisheries. Data set quality appraisals are included to assist in establishing the usefulness of certain data for particular kinds of analyses and the confidence to be placed in interpretations. These appraisals will assist in setting priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses include research planning and the provision of the best available resume of marine data sources for environmental assessments.

The continuing emphasis on Arctic offshore development activity has emphasized the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. This review has been divided into three phases: (1) compilation and appraisal of all existing data sets; (2) analysis of the suitability of the historical data for contributing to questions of particular interest; and (3) analysis and interpretation of data and estimation of the scientific confidence in answering particular questions. This report on the chemical oceanographic data of the southeastern Beaufort Sea represents the results of the first phase.

Brian Smiley
Scientific Editor
Arctic Data Compilation
and Appraisal Series

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Can. Data Rep. Hydrogr. Ocean Sci. 5: (Volume 20, Part 1, 347 pp., Part 2, 171 pp.)

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ABSTRACT

D.J. Thomas, F. Noone, A. Blyth and B.D. Smiley. 1990. Arctic Data Compilation and Appraisal. Volume 20. Beaufort Sea: Chemical Oceanography - Hydrocarbons, Metals, Pigments, Nutrients, Oxygen and Others. Revised and updated to include 1950 through 1987.

Can. Data Rep. Hydrogr. Ocean Sci. 5: (Volume 20, Part 1, 347 pp., Part 2, 171 pp.)

This volume is one of a group of catalogues designed to compile and appraise marine data sets for the Canadian Arctic. For ease of reference, the group has been organized with its subject matter divided into three disciplines: physics, chemistry and biology. The Arctic has been arbitrarily divided into seven geographical areas to include, where possible, major oceanographic regions. The format has been structured to facilitate comparison between subjects and regions. With such a large undertaking it is not possible to provide all reports at once. Therefore catalogues which are presently available in the series are indicated on the inside back cover of each volume.

Data collection is a continuing process and further updates of the catalogues are planned. Readers are invited to submit corrections and additions by writing the issuing establishment. These corrections will be incorporated in on-line computerized data set listings; they will be continuously available upon request.

SOMMAIRE

D.J. Thomas, F. Noone, A. Blyth and B.D. Smiley. 1990. Arctic Data Compilation and Appraisal. Volume 20. Beaufort Sea: Chemical Oceanography - Hydrocarbons, Metals, Pigments, Nutrients, Oxygen and Others. Revised and updated to include 1950 through 1987.

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Le présent volume fait partie d'un groupe de catalogues destinés à compiler et à évaluer les séries de données marines sur l'Arctique canadien. Pour plus de commodité, la question traitée est structurée en trois grandes disciplines: physique, chimie et biologie. L'Arctique a été divisé arbitrairement en sept régions géographiques qui englobent autant que possible les grandes régions océanographiques. Les catalogues sont présentés de façon à faciliter la comparaison entre les sujets et les régions. Le domaine est si vaste qu'il est impossible de fournir tous les catalogues en une seule fois. Les catalogues de la série actuellement disponibles sont indiqués à la fin de chaque volume à l'intérieur de la couverture.

La collecte des données est un processus permanent et il est prévu de mettre à jour les catalogues par la suite. Les lecteurs sont invités à soumettre par écrit les corrections et les additions à l'établissement auteur. Ces corrections seront traitées en direct sur ordinateur et incorporées aux listes qui pourront être obtenus sur demande.

ACKNOWLEDGEMENTS

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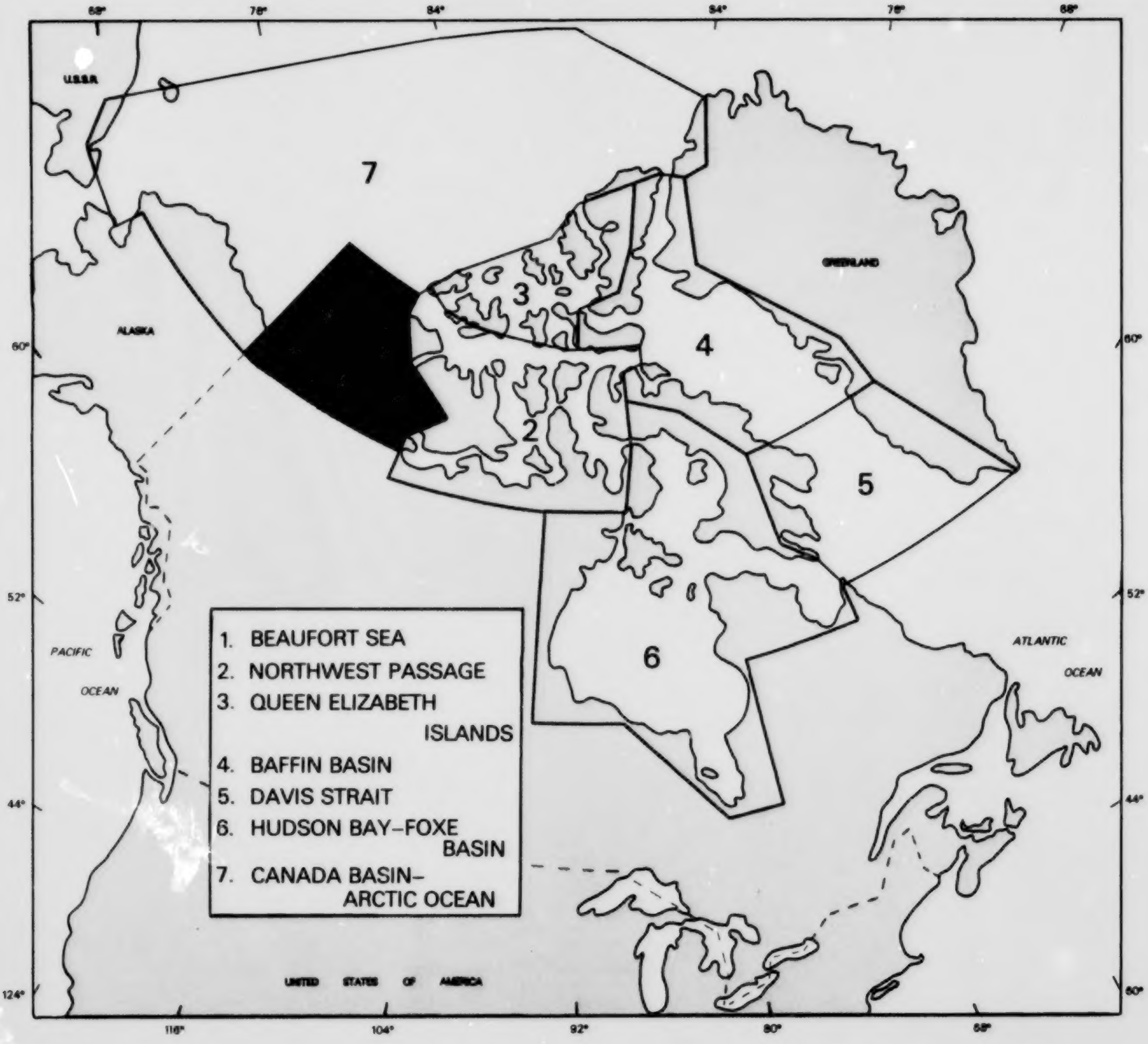
ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 20 (PART 1)

BEAUFORT SEA: CHEMICAL OCEANOGRAPHY



The area (1) covered by this volume is shaded on the map above.

Volume 20 (Part 1): Beaufort Sea: Chemical Oceanography.

VOLUME ABSTRACT

This inventory contains a catalogue of chemical oceanographic data sets from the southeastern Beaufort Sea. It includes the data published earlier as Volume 2 of this series. The inventory includes commonly measured substances such as dissolved oxygen, major and minor elemental components, nutrients and less frequently measured substances such as trace elements, hydrocarbons, chlorinated hydrocarbons and isotopes. Turbidity and suspended particulate matter (although not truly chemical quantities) are also included. Data sets are included for sea ice, sea water, sediments, biota and atomosphere. Times and locations of measurements are listed and displayed graphically on a yearly basis. A geographic index and alphabetical references (with data set number) are also included.

Key Words: Beaufort Sea, chemical oceanography, data sets, inventory, dissolved oxygen, nutrients, heavy metals, hydrocarbons, chlorinated hydrocarbons, turbidity, suspended particulates, sediments, biota, isotopes, sea ice, atmosphere.

1. INTRODUCTION

Since 1950 more than 100 data sets of chemical oceanographic data have been collected in the southeastern Beaufort Sea. The quantity and type of data are distributed irregularly over this time with the bulk of the data collection occurring during two periods - 1952-1954 and 1972-1977. The distribution of data sets collected since 1950 is shown in Figure 1.1. Most of the data sets reported were collected on a limited geographical scale with narrow site-specific objectives. Almost all collected data can be classified as baseline data and are statements of observed distributional patterns of various chemical components. Until recently, no attempt had been made to study the processes that determine the observed distributions of chemical components or to apply process-oriented investigations to case studies. Since 1984, however, a series of process studies has been undertaken under the Northern Oil and Gas Action Plan (NOGAP). These studies, when completed, will greatly expand the understanding of chemical oceanography and the cycling of contaminants in the Beaufort Sea area. The frequency of occurrence of selected chemical quantities is summarized for each sampling medium (sea water, sediments, suspended particulates, biota, atmosphere, and ice cores) in Table 1.1. Hydrocarbons have been divided into nine groups: PAHs, isoprenoids, alkanes, alkylated PAHs, phenols, complex organics, aliphatics, tarballs and 'other'. The list of hydrocarbon groups is summarized in Table 1.2.

TABLE 1.1

FREQUENCY OF OCCURRENCE OF SELECTED CHEMICAL QUANTITIES FOR EACH SAMPLING MEDIUM

	Water	Sediments	Suspended Particulates	Biota	Atmosphere	Ice Core
Hydrocarbons						
Alkanes	13	210	-	129	1	-
Aliphatics	-	3	-	-	-	-
Isoprenoids	-	83	-	20	-	-
PAHs	1	148	-	62	-	-
Alkylated PAHs	-	145	-	-	-	-
Tarballs	1	-	-	-	-	-
Phenols	-	25	-	-	-	-
Complex organics	-	49	-	3	-	-
Other	-	2	-	-	-	-
Organochlorines						
Aldrin	-	1	-	-	-	-
cis-chlordane	-	1	-	-	-	-
Dieldrin	-	1	-	-	-	-
Endrin	-	1	-	-	-	-
Heptachlor	-	1	-	-	-	-
Heptachlor epoxide	-	1	-	-	-	-
Lindane (γ-HCH)	-	1	-	-	-	-
Methoxychlor	-	1	-	-	-	-
Mirex	-	1	-	-	-	-
PCB	-	2	-	4	-	-
trans-chlordane	-	1	-	-	-	-
o,p′-DDD	-	1	-	-	-	-
o,p′-DDE	-	2	-	-	-	-
o,p′-DDT	-	2	-	3	-	-
p,p′-DDD	-	1	-	3	-	-
p,p′-DDE	-	1	-	5	-	-
p,p′-DDT	-	1	-	5	-	-
α-BHC	-	1	-	-	-	-
α-endosulfan	-	1	-	-	-	-
β-BHC	-	1	-	-	-	-
β-endosulfan	-	1	-	-	-	-
Metals						
Ag	-	3	-	-	-	-
Al	-	3	-	-	-	-
As	4	11	-	6	-	-
B	-	1	-	-	-	-
Ba	2	18	-	2	-	-
Be	-	6	-	-	-	-
Ca	18	4	-	-	-	-
Cd	30	47	2	17	-	-
Co	2	4	-	-	-	-
Cr	30	45	2	14	-	-
Cu	20	47	2	11	-	-
Fe	13	31	-	7	-	-

TABLE 1.1 (cont'd)

FREQUENCY OF OCCURRENCE OF SELECTED CHEMICAL QUANTITIES FOR EACH SAMPLING MEDIUM

	Water	Sediments	Suspended Particulates	Biota	Atmosphere	Ice Core
Metals (cont'd)						
Hg	23	46	2	26	-	-
K	7	3	-	-	-	-
Li	1	2	-	3	-	-
Mg	18	4	-	-	-	-
Mn	3	7	-	-	-	-
Mo	-	3	-	-	-	-
Na	7	4	-	-	-	-
Ni	17	40	-	7	-	-
Pb	23	42	-	17	-	-
Rb	-	2	-	-	-	-
Se	-	-	-	1	-	-
Sn	-	3	-	-	-	-
Sr	1	3	-	-	-	-
Ti	-	3	-	-	-	-
U	1	-	-	-	-	-
V	-	9	-	2	-	-
Zn	26	50	2	14	-	-
Pigments						
chl a	26	-	-	-	-	9
chl a + Phaeo	1	-	-	-	-	-
Phaeo	6	-	-	-	-	2
Nitrogen-, Phosphorous-, Silica-based Nutrients						
NH_3	2	-	-	-	-	-
NO_2	11	-	-	-	1	3
NO_3	44	-	-	-	-	8
PO_4	53	-	-	-	-	8
SiO_4	13	-	-	-	-	-
SiO_2	8	-	-	-	-	-
Dissolved Gases						
CO_2	8	1	-	-	-	-
O_2	66	-	-	-	-	-
Isotopes and Isotopic Ratios						
$\delta^{18}O$	2	-	-	-	-	-
$\delta^{13}C$	1	-	-	-	-	-
$\delta^{34}S$	1	-	-	-	-	-

TABLE 1.1 (cont'd)

FREQUENCY OF OCCURRENCE OF SELECTED CHEMICAL QUANTITIES FOR EACH SAMPLING MEDIUM

	Water	Sediments	Suspended Particulates	Biota	Atmosphere	Ice Core
C-H-N-P						
ON	2	-	-	-	-	-
P	1	2	-	-	-	-
POC	14	-	-	-	-	5
PON	2	-	-	-	-	-
Susp C	1	-	-	-	-	-
Susp N	3	-	-	-	-	-
Susp P	2	-	-	-	-	-
TC	6	5	-	-	-	-
TDN	3	-	-	-	-	-
TDP	3	-	-	-	-	-
TIC	6	-	-	-	-	-
TKN	1	1	-	-	-	-
TOC	15	22	2	-	-	-
Other						
Al_2O_3	-	1	-	-	-	-
Alk	30	-	-	-	-	-
Amino Acids	3	1	1	-	-	-
BOD	1	1	-	-	-	-
Boron	1	1	-	-	-	-
$CaCO_3$	-	1	-	-	-	-
CaO	-	1	-	-	-	-
Chlorins	1	1	-	-	-	-
Cholesterol	-	-	-	1	-	-
Cl	14	-	-	-	-	-
Clay	-	16	-	-	-	-
CO_3	4	1	-	-	-	-
COD	2	1	-	-	-	-
DS	15	-	-	-	-	-
Dustfall	-	-	-	-	1	-
F	1	-	-	-	-	-
Fatty acids	-	3	-	-	-	-
Fe_2O_3	-	1	-	-	-	-
Graphite C	-	3	-	-	-	-
Hardness	12	-	-	-	-	-
H_2S	-	-	-	-	1	-
HCO_3	9	-	-	-	-	-
HEC	-	12	-	-	-	-
Lipids	-	-	-	7	-	-
Metal Porphyrin	-	1	-	-	-	-
MFO	-	-	-	6	-	-
MgO	-	1	-	-	-	-
MnO	-	1	-	-	-	-
Na_2O	-	1	-	-	-	-
NFR	1	1	-	-	-	-
Non-hydrol. solids	-	1	-	-	-	-

TABLE 1.1 (cont'd)

FREQUENCY OF OCCURRENCE OF SELECTED CHEMICAL QUANTITIES FOR EACH SAMPLING MEDIUM

	Water	Sediments	Suspended Particulates	Biota	Atmosphere	Ice Core
Other (cont'd)						
Oil and Grease	-	6	-	-	-	-
ORP	1	-	-	-	-	-
Oxygen uptake rate	-	1	-	-	-	-
Ozone	-	-	-	-	1	-
% loss on ignition	-	1	-	-	-	-
P_2O_5	-	1	-	-	-	-
pH	40	-	-	-	-	-
Phospho-lipids	-	-	-	1	-	-
Plastics	1	-	-	-	-	-
Residue	4	-	-	-	-	-
S	-	1	-	-	-	-
Settleable Material	3	-	-	-	-	-
Si	38	3	-	-	-	9
SiO_2	-	1	-	-	-	-
SO_2	-	-	-	-	1	-
SPM	47	-	-	-	1	-
Sterols	-	1	-	-	-	-
Sulphation Index	-	-	-	-	1	-
Sulphide	1	-	-	-	-	-
Sulphur	-	1	-	-	-	-
TAC	1	-	-	-	-	-
TH	8	-	-	-	-	-
Triglycerides	-	-	-	1	-	-
TSS	2	-	-	-	-	-
Turbidity	13	-	-	-	-	-
Volatile Solids	-	1	-	-	-	-
Wax esters	-	-	-	1	-	-

TABLE 1.2
HYDROCARBON GROUPS

Alkanes:

Alkanes (total)
n-alkanes
Total n-alkanes

Aliphatics:

Aliphatic hydrocarbons

Isoprenoids:

Farnesane
Isoprenoid hydrocarbons
Norfarnesane(a)
Norfarnesane(b)
Norfarnesane(c)
Norfarnesane(d)
Norfarnesane(e)
Norpristane
Phytane
Pristane
Total isoprenoids

PAHs:

11H-benzo(a)fluorene
Acenaphthene
Acenaphthylene
Anthracene
Benzo(a)anthracene
Benzo(b)anthracene
Benzo(b)naphthol(2,1-d)thiophene
Benzo(a)pyrene
Benzofluoranthenes
Benzo(b)fluoranthene
Benzo(b),(j) and (k)fluoranthene
Benzo(e)pyrene
Benzo(g,h,i)perylene
Benzo(k)fluoranthene
Chrysene
Chrysene/triphenylene
Dibenzo(a,h)anthracene
Dibenzothiophene
Fluoranthene
Fluorene
Indeno(1,2,3-c,d)pyrene
Naphthalene
Naphthacene
PAH
Perylene
Phenanthrene
Pyrene
Total PAH
Unsubstituted PAH

Alkylated PAHs:

2-Methyl Naphthalene
Alkylated PAH
C2-(benz(a)anthracene/chrysene)
C2-(fluoranthene/pyrene)
C2-(phenanthrene/anthracene)
C2-dibenzothiophenes
C2-fluorenes
C2-naphthalenes
C3-(fluoranthene/pyrene)
C3-(phenanthrene/anthracene)
C3-naphthalenes
C4-(fluoranthene/pyrene)
C4-(phenanthrene/anthracene)
C4-naphthalenes
Methyl(benz(a)anthracene/chrysene)s
Methyl(fluoranthene/pyrene)s
Methyl(phenanthrene/anthracene)s
Methyldibenzothiophenes
Methylfluorenes
Methylnaphthalenes

Tarballs:

Tarballs

Phenols:

(1,1-dimethylethyl)-4-methoxyphenol
2-ethylphenol
2-methylphenol
4(1,1-dimethyl)ethylphenol
4-methylphenol
Phenol

Complex Organics:

(1-butylheptyl)benzene
(1-methylbutyl)-oxirane)
(e)-1,1'-(1,2-ethenediyl) bisbenzene
1,1'-biphenyl-4-carboxyaldehyde
1,1'-biphenyl
1,2,3-trimethylbenzene
1,2-diphenylhydrazine
1,3,3-trimethylbicyclo(2,2,1) heptan-2-ol
1,6-etheneoazulene,1,3A,6,8A-tetrahydro
1-(methylphenyl)ethanone
16,17-dihydro-3(1-methylethyl)-
 15H-cyclopenta(a)phenanthrene
1H-phenanthro(9,10-d)imidazole
2,4-dihydroxy-6-methylbenzoic acid,
 methylester
2,6-bis(1,1-dimethylethyl)-2,5-cyclo-
 hexadiene-1,4-dione
2-ethylhexanoic acid
2-hydroxy-3-methoxybenzoicacid, methylester
2-phenylnaphthalene
3,6-dichloro-9H-carbazole
3-ethenyl-4-methyl-1H-pyrrole-2,5-dione
3-ethyl-4-methyl-1H-pyrrole-2,5-dione
3-hydroxybenzaldehyde
4,5-dimethyl-2-oxide-1,3,2-dioxathiolane
4-(1-azido-1-methylethyl)-1,1'-biphenyl
4-hydroxybenzaldehyde
4-methyl-2-quinolinecarbo-nitrile-1-oxide
4-methyldibenzofuran
7H-benz(de)anthracen-7-one
9,10-phenanthrenedione
9-octadecanoicacid
9H-acridinone
9H-anthracenone
9H-fluoren-9-one
9H-xanthene
Benz(a)anthracene,1,2,3,4,7,12-hexahydro
Benzenecarbothioicacid,hydrazide
Bis(2-ethylhexyl)phthalate
Di-n-butylphthalate
Diallylacetylpalmitaldehyde
Dibenzofuran
Diisooctylphthalate
Dimethylphthalate
N,N-dimethylbenzo(c)cinnolin-4-amine
N-nitrosodiphenylamine
PAH Metabolites
Phthalate diesters
Silicicacid(H_4SiO_4),tetrapropylester
Trans-1,2-dichlorocyclohexane
Trans-2-chlorcyclohexanol

Other:

RH
UCM

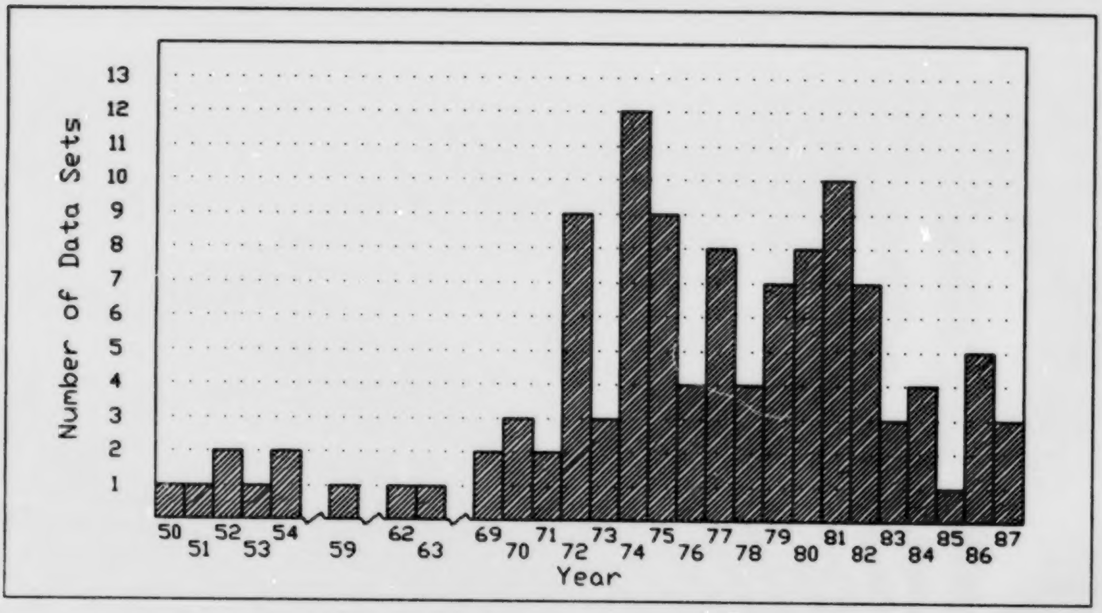


Figure 1.1 Yearly distribution of chemical oceanographic data sets for the Beaufort Sea region (does not include unverified data sets from the Freshwater Institute).

Previously, an inventory of chemical oceanographic data comprising data sets from 1950 to 1982 was published (Volume 2 of this series). The objective of this new inventory is to update and supersede the earlier inventory of Beaufort Sea chemical oceanographic data sets, in a continuing attempt to achieve a broader perspective on what is currently known about the chemical oceanography of the southeastern Beaufort Sea and to judge how and to what extent the existing information can be used to interpret possible impacts of Beaufort Sea Development.

The inventory is ongoing. As new data and previously inaccessible data become available, they will be added to a computerized data base maintained at the Institute of Ocean Sciences, Sidney, B.C. Information about new data sets, older data sets which do not appear in this inventory or errors in this inventory, should be submitted in writing to the Institute of Ocean Sciences.

The following sections contain the rationale for organizing the data as it appears in the tables. Wherever possible, formats were adopted that were consistent with those used in the companion inventories of this series.

2. STUDY AREA

The study area (Figure 2.1) includes that portion of the Beaufort Sea bounded on the north by 75° N latitude, on the west by 141° W longitude, on the east by Banks and Victoria Islands and on the south by the coastline of the Northwest Territories. The area includes the Amundsen Gulf and the southern Prince of Wales Strait which are freely connected to the Beaufort Sea to depths of approximately 325 m. The Mackenzie River Delta Channels are included in the inventory when data occur for these areas in the same data set as offshore data. No river data are included, however, for studies conducted on the river alone.

3. CHEMICAL DATA PRESENTATION

3.1 Types of Data

All chemical data have been grouped according to the environmental medium or compartment in which they are found, as follows:

Medium	**Constituents Included**
Sea Ice	- dissolved or occluded
Water Column (Sea Water and River Water)	- dissolved constituents - particulate constituents
Sediments	- surficial sediments - sediment cores (interval sampling) - interstitial pore waters
Biota (flora and fauna)	- sea water dwelling organisms - bottom sediment dwelling organisms - marine mammals
Atmosphere	- gases - particulates

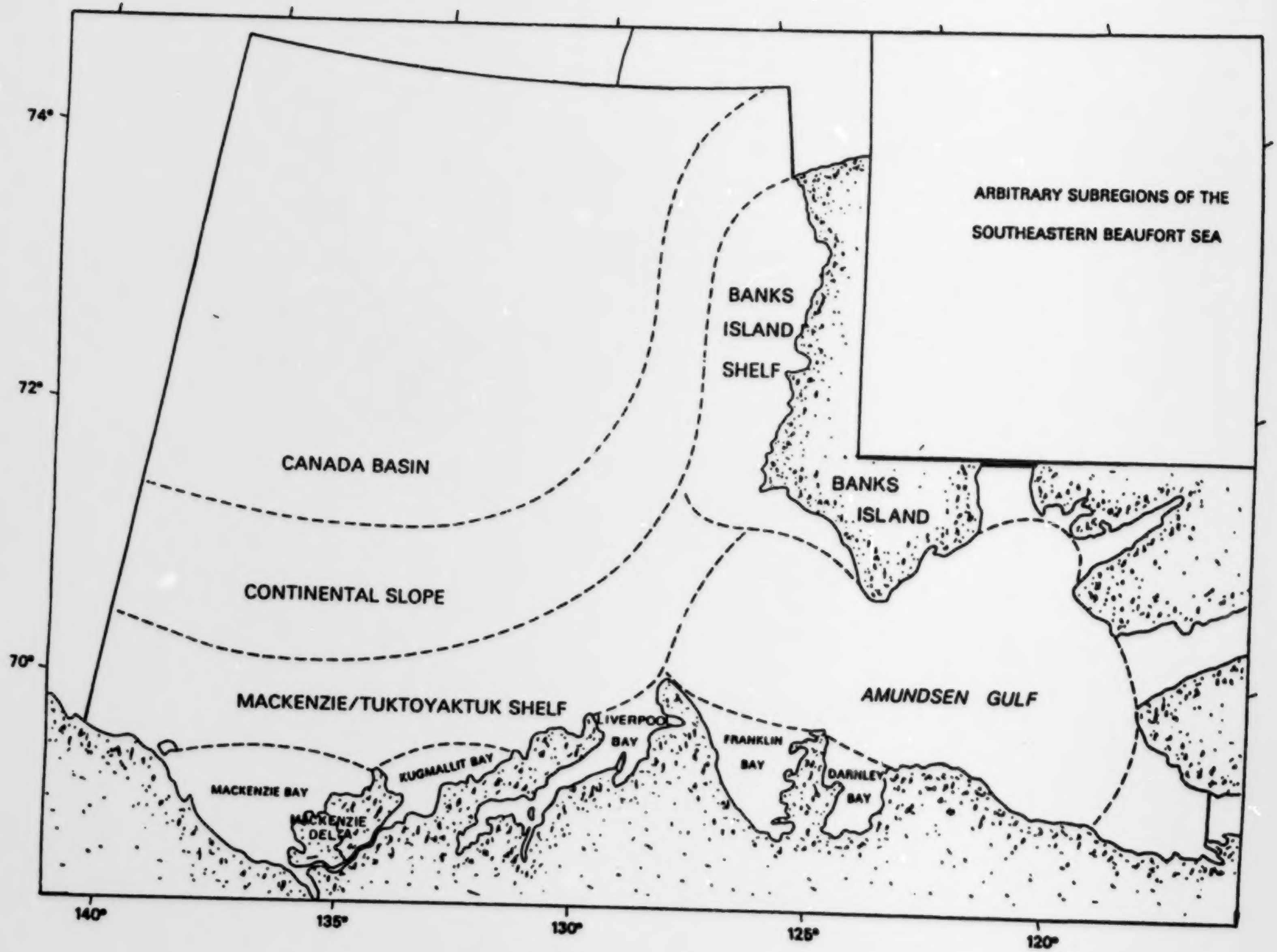


Figure 2.1 Arbitrary subregions of the Southeastern Beaufort Sea.

The inventory includes all available data of a "chemical nature". This includes commonly measured substances such as dissolved oxygen, major and minor elemental components, nutrients and less frequently measured substances such as trace elements, hydrocarbons and chlorinated hydrocarbons. Turbidity and suspended particulate material are not truly chemical quantities in the classical sense, but are included in the inventory because they are important factors in the interpretation of chemical data and because they are more logically included with the chemical inventory rather than with the physical or biological inventories.

The largest amount and most diverse data are found for sediment constituents. All of the samples have been analyzed exclusively in the laboratory after preservation for some extended period of time.

The other types of samples: water column and biota, have been obtained in decreasing quantities respectively. Field-based analyses of samples at the time of collection have been rare because most chemical analyses require specialized or sophisticated equipment. Water samples have been frequently processed in the field to the stage where sample preservation is convenient and then returned to the laboratory for analysis. Samples for dissolved oxygen and pH analysis, on the other hand, have been routinely analyzed in the field shortly after collection. Other determinations which can and have been made in the field include low molecular weight hydrocarbons and the reactive nutrients although the latter have also been preserved and returned to the laboratory. Measurements have been made rarely in situ, and then only for dissolved oxygen. A summary of the chemical data types included in the inventory is shown in Table 3.1.

TABLE 3.1

A SUMMARY OF CHEMICAL DATA TYPES INCLUDED IN THE DATA INVENTORY

	Water	Sediments	Suspended Particulates	Biota	Atmosphere	Ice Core
aldrin		x				
alkalinity	x					
α-endosulfan		x				
alpha hexachloracyclohexane (α-HCH)		x				
aluminum		x				
aluminum (III) oxide (Al_2O_3)		x				
amino acids	x	x				
arsenic	x	x		x		
barium	x	x		x		
benzo(a)pyrene		x				
beryllium		x				
ß-hexachloracyclohexane (β-HCH)		x				
ß-endosulfan		x				
boron	x	x				
n-butane	x					
4-chloro-3-methylphenol		x				
2-chlorophenol		x				
cadmium	x	x	x	x		
calcium	x	x				
calcium oxide		x				
carbon						
bicarbonate	x					
carbonate	x	x				
carbon dioxide	x					
graphite carbon		x				
$^{13}C/^{12}C$ isotopic ratio ($\delta^{13}C$)	x					
particulate organic carbon (POC)	x					
suspended carbon	x					
total carbon	x	x				
total inorganic carbon	x					
total organic carbon (TOC)	x	x	x			
chlorine	x					
chlorins	x					
chlorophyll a	x					x
chlorophyll a + phaeo	x					
cholesterol				x		
chromium	x	x	x	x		
cis-chlordane		x				
clay		x				
cobalt	x	x		x		
copper	x	x	x	x		
2,4-dichlorophenol		x				
2,4-dimethylphenol		x				
4,6-dinitro-o-cresol		x				
2,4-dinitrophenol		x				
4,6-dinitrophenol		x				
dieldrin		x				
dissolved solids						
fixed	x					
total	x					
volatile	x					
dustfall					x	
endrin		x				
ethane, dichlorodiphenyl trichloro-(i.e., DDT)		x				
ethane, 2-(o-chlorophenyl)-2-(p-chlorophenyl)-1, 1-dichloroethane (i.e., o,p'-DDD)		x				
ethane, 2,2-Bis(p-chlorophenyl)-1, 1-dichloro- (i.e., p,p'-DDD)		x				
ethane, 1-(o-chlorophenyl)-1-(p-chlorophenyl)-2, 2,2-trichloro-(i.e., o,p'-DDT)		x		x		

TABLE 3.1 (cont'd)

A SUMMARY OF CHEMICAL DATA TYPES INCLUDED IN THE DATA INVENTORY

	Water	Sediments	Suspended Particulates	Biota	Atmosphere	Ice Core
ethane, 1,1-bis-(p-chlorophenyl)-2,2,2-trichloro (i.e., p,p'-DDT)		x		x		
ethene, 2-(o-chlorophenyl)-2-(p-chlorophenyl)-1, 1-dichloro-(i.e., o,p'-DDE)		x				
ethene, 2,2-Bis(p-chlorophenyl)-1,1-dichloro- (i.e., p,p'-DDE)		x		x		
ethene	x					
ethylene, 2-2-bis-(p-chlorophenyl)-1,1-dichloro- (ie.p,p'-DDE)				x		
fatty acids		x				
fluoride	x					
hardness	x					
heptachlor		x				
heptachlor epoxide		x				
hexane extractable compounds (HEC)		x				
hydocarbons						
alkanes	x	x		x		
aliphatics		x				
isoprenoids		x		x		
polyaromatic hydrocarbons	x	x		x		
alkylated polyaromatic hydrocarbons		x				
ether extractables	x					
phenols		x				
complex organics		x		x		
other		x				
hydrogen sulphide (g)					x	
iron	x	x		x		
iron (III) oxide (Fe_2O_3)		x				
lead	x	x		x		
lindane (γ-HCH)		x				
lipids				x		
lithium	x	x				
loss of ignition					x	
magnesium	x	x				
magnesium (II) oxide (MgO)		x				
manganese	x	x				
manganese (II) oxide (MnO)		x				
mercury	x	x	x	x		
elemental	x					
methyl				x		
methane	x				x	
methoxychlor		x				
mirex	x					
mixed function oxygenase (MFO)				x		
molybdenum		x				
2-nitrophenol		x				
4-nitrophenol		x				
nickel	x	x		x		
nitrogen						
ammonia	x					
Kjeldahl, total (TKN)		x				
nitrate (NO_3)	x					x
nitrite	x					x
nitrogen dioxide (g)					x	
particulate organic nitrogen (PON)	x					
suspended nitrogen	x					
total dissolved nitrogen (TDN)	x					
non-filterable residue (NFR)	x	x				
non-hydrolyzable compounds		x				
oil and grease		x				

TABLE 3.1 (cont'd)

A SUMMARY OF CHEMICAL DATA TYPES INCLUDED IN THE DATA INVENTORY

	Water	Sediments	Suspended Particulates	Biota	Atmosphere	Ice Core
oxygen						
oxygen uptake rate		x				
biological oxygen demand	x	x				
chemical oxygen demand	x	x				
dissolved oxygen	x					
^{18}O/^{16}O isotopic ratio (δ^{18}O)	x					
p-chloro-m-cresol		x				
pH	x					
pentachlorophenol		x				
phaeopigments	x					
phosphorus		x				
phosphate (PO_4)	x					x
phosphorus (V) oxide (P_2O_5)		x				
suspended phosphorus	x					
total dissolved phosphorus (TDP)	x					
phospho-lipids				x		
plastics	x					
polychlorinated biphenyls (PCB)		x		x		
potassium	x	x				
propane	x					
propene	x					
rubidium		x				
settleable solids	x					
silicon	x	x				x
silica (SiO_2)		x				
silicate (SiO_4)	x					
silver		x				
sodium	x	x				
sodium oxide (Na_2O)		x				
sterols		x				
strontium	x	x				
sulphation index					x	
sulphide	x					
^{34}S/^{32}S isotopic ratio (δ^{34}S)	x					
sulphur dioxide (g)					x	
sulphur						
elemental				x		
sulphate	x					
suspended particulate matter (SPM)	x				x	
fixed	x					
total	x					
volatile	x					
2,3,5-trichlorophenol		x				
2,4,6-trichlorophenol		x				
2,3,4,5-tetrachlorophenol		x				
2,3,4,6-tetrachlorophenol		x				
2,3,5,6-tetrachlorophenol		x				
tarballs	x					
tin	x					
tritium		x				
total lipids				x		
total suspended solids (TSS)	x					
trans-chlordane		x				
triglycerides				x		
turbidity	x					
uranium	x	x				
vanadium		x		x		
volatile solids		x				
wax esters				x		
zinc	x	x	x	x		

3.2 Concentration Units

Several different concentration units have been used over the years to report the chemical results for Beaufort Sea data. In order to eliminate confusion and provide for ease of data comparison among data sets, the International System of Units (SI) has been used wherever possible. Exceptions in the use of SI are classes of compounds comprising assemblages of different molecules such as polycyclic aromatic hydrocarbons and polychlorinated biphenyls. The trend toward worldwide use of SI units as a standard has been established by resolutions of the General Conference of Weights and Measures. In addition, the International Union of Pure and Applied Chemistry (IUPAC) endorses the exclusive use of SI units for chemical quantities. Factors used to convert units found in original reports to SI units are listed in Table 3.2 below.

4. OUTLINE OF DATA INVENTORY ORGANIZATION

The data of this update volume are organized into a chronological series of data sets beginning with the year 1950. No chemical data before 1950 could be found. Each data set comprises sampling or chemical measurements taken during a single cruise, or during a sampling excursion usually by a single agency. It is assumed, then, that data within a given data set have been collected uniformly and should be internally consistent insofar as sampling methodology is concerned.

Each data set has been assigned an identification number of the form yy-nnnn, where yy = last 2 digits of the year in which data were collected and nnnn = order of identification for that particular data set for that year. The data set number is a unique identifier which applies throughout this series of inventories; for example, any data set identified as 78-0031 is the same no matter where the reference to it is made. In certain cases, data may have been collected over a period of months or years by a common study team with minor or major differences occurring in the types of data collected at each sampling period. When this occurred, letters were used as a suffix to the data set number to distinguish the various sample collections. For example, data set 81-0003 is divided into four parts in the inventory - 81-0003A, 81-0003B, 81-0003C and 81-0003D. While there is insufficient reason to regard the four as separate data sets, the subdivision is made to emphasize that different parameters were sampled during the various sampling periods. Gaps may appear in the sequence of data set numbers in this inventory for a particular year, because each data set will not appear in every discipline and geographical area.

TABLE 3.2

CONVERSION FACTORS AS NUMERICAL MULTIPLES OF SI UNITS

Chemical Quantity	to convert from*	to	multiply by
	litres	m^3	1,000
	mg L^{-1}	g m^{-3}	1
ammonia	mg $L^{-1}(NH_3)$	mmol m^{-3} (NH_3)	58.82
	µg at L^{-1} (NH_3)	mmol m^{-3} (NH_3)	1
arsenic	µg L^{-1}	µmol m^{-3}	13.35
	µg g^{-1}	µmol kg^{-1}	13.35
barium	µg L^{-1}	µmol m^{-3}	7.28
	µg g^{-1}	µmol kg^{-1}	7.28
beryllium	µg L^{-1}	µmol m^{-3}	110.96
	µg g^{-1}	µmol kg^{-1}	110.96
boron	µg L^{-1}	µmol m^{-3}	92.51
	µg g^{-1}	µmol kg^{-1}	92.51
butane	nL (STP) L^{-1}	nmol m^{-3}	44.64
cadmium	µg L^{-1}	µmol m^{-3}	8.90
	µg g^{-1}	µmol kg^{-1}	8.90
calcium	µg L^{-1}	µmol m^{-3}	24.95
carbon	µg g^{-1}	µmol kg^{-1}	83.26
chloride	g L^{-1}	mol m^{-3}	27.82
chromium	µg L^{-1}	µmol m^{-3}	19.23
	µg g^{-1}	µmol kg^{-1}	19.23
cobalt	µg L^{-1}	µmol m^{-3}	16.97
	µg g^{-1}	µmol kg^{-1}	16.97
copper	µg L^{-1}	µmol m^{-3}	15.74
	µg g^{-1}	µmol kg^{-1}	15.74
(p,p')-DDD	µg L^{-1}	µmol m^{-3}	3.13
	µg g^{-1}	µmol kg^{-1}	3.13
(p,p')-DDE	µg L^{-1}	µmol m^{-3}	3.14
	µg g^{-1}	µmol kg^{-1}	3.14

TABLE 3.2 (cont'd)

CONVERSION FACTORS AS NUMERICAL MULTIPLES OF SI UNITS

Chemical Quantity	to convert from*	to	multiply by
(p,p')-DDT	µg L^{-1}	µmol m^{-3}	2.82
	µg g^{-1}	µmol kg^{-1}	2.82
ethane	nL (STP) L^{-1}	nmol m^{-3}	44.64
ethene	nL (STP) L^{-1}	nmol m^{-3}	44.64
fluoride	µg L^{-1}	µmol m^{-3}	52.26
hardness (as $CaCO_3$)	mg L^{-1}	mol m^{-3}	0.01
iron	µg L^{-1}	µmol m^{-3}	17.91
	% Fe (w/w)	mol kg^{-1}	0.179
lead	µg L^{-1}	µmol m^{-3}	4.83
	µg g^{-1}	µmol kg^{-1}	4.83
lithium	µg L^{-1}	µmol m^{-3}	144.09
	µg g^{-1}	µmol kg^{-1}	144.09
magnesium	mg L^{-1}	mmol m^{-3}	41.14
manganese	µg L^{-1}	µmol m^{-3}	18.20
	% Mn (w/w)	mol kg^{-1}	0.182
mercury	ng L^{-1}	nmol m^{-3}	4.99
	ng g^{-1}	ng kg^{-1}	4.99
methane	nL (STP) L^{-1}	nmol m^{-3}	44.64
nickel	µg L^{-1}	µmol m^{-3}	17.03
	µg g^{-1}	µmol kg^{-1}	17.03
nitrogen	mg L^{-1}	mmol m^{-3}	71.43
	mg kg^{-1}	mmol kg^{-1}	71.43
nitrate	mg L^{-1} (NO_3)	mmol m^{-3} (NO_3-N)	16.13
	µg at L^{-1} (NO_3-N)	mmol m^{-3} (NO_3-N)	1

TABLE 3.2 (cont'd)

CONVERSION FACTORS AS NUMERICAL MULTIPLES OF SI UNITS

Chemical Quantity	to convert from*	to	multiply by
nitrite	mg L^{-1} (NO_2)	mmol m^{-3} (NO_2-N)	20.83
	µg at L^{-1} (NO_2-N)	mmol m^{-3} (NO_2-N)	1
oxygen	mg L^{-1} (O_2)	mol m^{-3} (O_2)	0.0313
	mL L^{-1} (O_2)	mol m^{-3} (O_2)	0.0446
phosphate	mg L^{-1} (PO_4)	mmol m^{-3} (PO_4-P)	32.29
	µg at L^{-1} (PO_4-P)	mmol m^{-3} (PO_4-P)	1
potassium	mg L^{-1}	mmol m^{-3}	25.58
propane	nL (STP) L^{-1}	nmol m^{-3}	44.64
propene	nL (STP) L^{-1}	nmol m^{-3}	44.64
silicon	mg L^{-1} (Si)	mmol m^{-3} (Si)	35.60
	mg L^{-1} (SiO_2)	mmol m^{-3} (Si)	16.64
	µg at L^{-1} (silicate-Si)	mmol m^{-3} (silicate-Si)	1
sodium	g L^{-1}	mol m^{-3}	43.50
strontium	µg L^{-1}	µmol m^{-3}	11.41
sulphur	µg g^{-1}	µmol kg^{-1}	31.19
sulphate	g L^{-1}	mol m^{-3}	10.41
uranium	µg L^{-1}	µmol m^{-3}	4.20
	µg g^{-1}	µmol kg^{-1}	4.20
vanadium	µg g^{-1}	µmol kg^{-1}	19.63
zinc	µg L^{-1}	µmol m^{-3}	15.30
	µg g^{-1}	µmol kg^{-1}	15.30

* **Note:**

In Table 2 conversions for dissolved constituents have been made assuming that the density of sea water is 1.00; i.e., that 1 µg L^{-1} is equivalent to 1 µg kg^{-1}.

This inventory comprises three main tables followed by supporting figures and tables. Table 1 is a chronological list of data sets by data set number (see above). Table 2 is a summary of specific details for actual chemistry data. Table 3 is a listing of times and locations of individual measurements. Where station coordinates were not specified in reports, approximate station positions were obtained by measuring plotted station locations on figures located in the report. Measurement locations are plotted in a series of maps in Section 10. There are three standard maps. All are Lambert Conformal Conic projection with standard parallels of 71° N and 73° N. The map encompassing the study area is drawn to a scale of 1:4 680 000. The other two maps are drawn to scales of 1:2 706 000 and 1:1 783 000, respectively; they yield better resolution of data sets containing closely spaced stations. In all cases, the coastlines have been smoothed and small islands removed to avoid clutter. In data sets where stations are very closely spaced, a single symbol is used to reduce smudging. Included on some maps, the number in parentheses to the right of symbol refers to the number of stations at the location represented by the symbol. To maintain uniformity and facilitate comparison, maps for all volumes in the Arctic data compilations have been drawn from common stock.

A listing of the geographic occurrence of data sets is given in the geographic index. Section 11.2 is an index of references ordered by data set number. The first (primary) reference shown for each data set is the original data report or similar document. The secondary references that follow are other reports or refereed papers based on the primary reference. The listing of secondary references should not be considered an exhaustive literature search. Only those secondary references are included which were found while searching for original data set documents.

4.1 Description of Table Headings

4.1.1 Table 1

Table 1 provides general details of sampling excursions and includes:

(1) identification of the specific region within the study area where sampling was conducted;

(2) the period of time during which the measurements were made;

(3) the ship or agency which collected the data;

(4) a listing of the chemical parameters measured or sampled during the collection period;

(5) concurrent physical and biological measurements or samples.

4.1.2 Table 2

In Table 2, specific details including analytical results, are given for each quantity measured in each data set. These include:

(1) total number of stations sampled;

(2) total number of samples obtained at all stations;

(3) the number of samples having analytical results greater than the analytical detection limit or greater than 0 when 0 is used to designate the detection limit;

(4) methodology information: details of collection, storage (preservation), and analysis of the sample allowing for judging quality and comparability of data;

(5) the range of reported concentrations. Note that all concentrations are given in Systeme International (SI) units. Conversions between these and previously used units are given in Table 3.2;

(6) the mean and median of the reported concentrations. The median is included because it is not as easily influenced by extreme values as is the mean. It thus represents a better estimate of the middle of a sample population with skewed distribution. Many environmental parameters fall into a log-normal distribution, so the median is probably a better estimate of central tendency. If the number of observations is odd, the median is the middle one of the observations; if the number is even, the median is the average of the two innermost observations. Where a suite of results includes detection limit values the samples that were beneath the detection limit were not included in the mean calculation;

(7) a data quality (confidence) rating based on the rules outlined subsequently (Section 5.2). The data rating scale uses values from 0 to 4 with 4 indicating data judged to be highest quality, and to have the most reliability (refer to Section 5.3).

4.1.3 Table 3

Table 3 provides specific spatial and temporal details for collected samples. These include:

(1) station position (latitude, longitude). For stations where no latitude/longitude are expressed, estimates were made by direct measurement of the plotted station points contained in individual original reports;

(2) station depth;

(3) sampling time (year, month, day and hour in GMT or local time);

(4) number of points (samples in profiles); and

(5) maximum depth sampled.

4.2 Sample Use of the Inventory

Example 1 Searching for specific-parameter data: e.g., metals in sea water

Step 1. Consult Table 1 and scan the column labelled "Chemical parameters measured or sampled". Note the data sets listing metals as a measured parameter.

Step 2. Consult the noted data set numbers in Table 2 to obtain specific details of sample history and reported concentrations.

Step 3. Refer to Table 3 for station positions, depths sampled, etc. If areal coverage of stations is of interest, go to Section 6 and consult maps for the data set(s) of interest. Maps are ordered chronologically.

Step 4. Consult the reference list for reports or publications upon which the data set is based.

Example 2. Searching for data from a specific geographic area: e.g. metals in Beaufort Sea, sea water

Step 1. Consult Geographic Index. Note data set numbers.

Step 2. Consult Table 1 to determine which of those data sets report metals in sea water.

Step 3. Continue as in Example 1.

When additional details concerning data are required, the original data sets must be consulted. Access to these documents may be obtained through the Data Assessment Division at the Institute of Ocean Sciences, Sidney, British Columbia.

5. DATA RATING SYSTEM

5.1 Data Quality Criteria

The reported chemical data for the Beaufort Sea have been appraised using a rating system based on five data quality parameters related to methodology:

A. sample collection;
B. sample storage/preservation;
C. sample analysis;
D. analytical precision;
E. analytical accuracy.

The five parameters were chosen to quantify the level of confidence in the history of the sample from collection to final analysis and thus represent a measure of the ultimate believability of results. Some general concepts and comments related to these five parameters which indicate how they can be used in the data evaluation are discussed below. A more detailed discussion for specific chemical constituents is given in Section 5.3.

A. Sample Collection

Sampling has traditionally received little attention and has been the weakest link in marine chemical measurements. The method of sampling is crucial, especially for heavy metals or trace hydrocarbons where baseline values are often at or near the detection limit of many analytical techniques. Very specific steps involving sample preparation and collection methodology must be followed with fanatical attention to detail so as to limit the effects of negative and positive contamination. These details are an integral part of the final reported number and must be specified with the results.

B. Sample Storage and Preservation

Once the sample is collected, it must be preserved in such a way that it remains representative of the environmental medium (water body, sediment, biota, etc.) from which it was collected. Storage containers are very important. For the storage of samples for heavy metal analysis, a severe hot acid pretreatment of plastic or Teflon storage bottles must be achieved. Bottles used for storing hydrocarbon samples must be cleaned with solvent and baked to rid the containers of contaminating substances. Procedures specifically applicable to samples for other chemical substances are often necessary. Certain types of samples for parameters which are sensitive to change through biological activity (e.g., nutrients, chlorophyll a, etc.) must be analyzed or preserved immediately after collection before such activity begins to alter the sample irreversibly. Failure to do so will result in samples becoming unrepresentative of the original water mass. Acid is frequently used as a preservative for sea water samples for heavy metal analysis. Because the concentration of heavy metals is exceedingly low in sea water, only acids with the highest level of purity can be used, lest the acid addition introduces more metals into the samples than those occurring naturally. Consequently, the purity of all preservatives must be carefully tested before use and must be specified in collection details. Length of time between collection and preservation should be reported exactly.

C. Analysis

Assessing the comparability of analytical results depends on a detailed description of the chemical techniques used. The simple statement found in many reports that "sterile procedures were used" or that "standard methods were used" does not provide enough information to form an opinion about the reliability of the technique employed. This follows from the fact that most chemical laboratories dealing with the analysis of marine samples recognize that most procedures are not routine and that operational changes are often made. Thus, the instrumentation and analytical conditions employed; the quality and age of reagent chemicals; the values of reagent and procedural blanks; and the finesse of the analyst with the technique will be critical to the eventual outcome of the analysis. All these details must be specified.

D. Precision

Precision is essential for defining significant intradata differences. Precision should be determined for each procedure, type of sample and analyst. A description of how precision was measured must be provided. The value given for this parameter with a group of data must truly apply to the specific analysis used to produce those data and not simply be a statement of that which has been achieved or that which can be achieved or expected by others for the same or a similar analytical technique. Precision may be estimated by numerous replicated determinations on a sample. This, however, probably leads to a biased estimate since the analyst is apt to give greater care with samples known to be used to measure variance. A better estimate can be made by blindfold determination of several replicated samples (covering the range of concentration expected for the samples) run randomly throughout the period of analysis.

E. Accuracy

This parameter gives the deviation of an analytical measurement from the true value. It can be estimated by comparing analytical results with the certified values for a standard reference material. Unfortunately, certified reference materials are available for only a limited number of elements or compounds in the various sample matrices or environmental phases. For this reason, accuracy of a method is sometimes estimated by measuring the ability of the method to recover an added standard spike to a sample of similar matrix. This method may fail to provide a reliable estimate of analytical accuracy because the added standard may not have a chemical reactivity which is equivalent to the component in the sample; it may, therefore, respond differently to the chemical steps involved in the determination. While this method of additions cannot prove that an analytical procedure is accurate, it can (by demonstrating poor and highly variable recoveries) identify methods that are inherently imprecise. When certified reference materials or standards are used, standardization should be blindfold and occur at random with replication to avoid biased results caused by analysts who pay special attention to standardization samples and who know or are likely to guess the established reference material composition.

Alternatives are available for demonstrating analytical accuracy. Agreement of results determined using different analytical methods employed by different laboratories during intercalibration exercises is one way of increasing confidence in the results. Although reference materials and intercalibrated results may generate confidence in an analytical result, they still can not prove whether the value obtained is an accurate representation of the true value in the environment. Satisfactory agreement among triplicate samples, consistently low blanks and results that make sense (and are consistent with other supporting measurements) will increase confidence. Confidence will also be enhanced by publication of results in scientific journals.

It is important to distinguish between reference materials and primary standards. The chemical composition of a reference material is empirically derived from the pooled analytical results of several laboratories using different methods and instruments for the assay. Values for reference materials are commonly described as certified values, recommended values or average compositional values. By contrast, primary standard values are "true" values and are independent of the method of analysis. They are inherently more reliable than the values "recommended" for reference materials. It must be emphasized that while primary standards may be reliable analytically, they may not necessarily be the best measure of environmentally representative samples. A more detailed discussion of "standard" samples can be found in the review by Abbey (1980).

5.2 Definition of the Rating System

All data have been rated by a 5-level rating system, defined as follows.

Rating Score	**Data Quality**
0	data are found to be wrong;
1	data suspect because of ill-defined doubts;
2	insufficient information to assess data; data were not or could not be investigated;

3	data are internally consistent; patterns or trends within data are probably real but comparison with other data sets may be a problem;
4	data are internally consistent and are sufficiently standardized or tied to a reference that comparison with other data at this rating score should be possible. Data may not be accurate in an absolute sense.

This rating system is intended as a guide and not an absolute statement of data quality; it is one of several ways to represent the quality of acquired chemical data. The ideal rating system would use only objective criteria. This is, however, not possible because of the lack of standard analytical procedures in use and because of the significant changes in sample collection and storage techniques and philosophy that have occurred in recent years. Consequently, a certain subjectivity is inherent in the appraisal of data and any given system for objective data quality appraisal is almost doomed to fail as soon as it is chosen since it will rely to some degree on the discretion of the appraiser. This is particularly true in this inventory of retrospective data quality evaluation, because details of sample history are poorly documented and additional clarification cannot be readily obtained.

Ultimately, the quality of the data will reflect the weakest link in the methodology chain (see 5.3 below). Thus, in cases where a deviation from acceptable methodology is considered so serious that the validity of the obtained results is in doubt, a value of 0 is assigned. Consider the collection of sea water samples for heavy metal analyses, for example. Suppose that the samples were stored acidified in unprepared PVC bottles. During the storage period some metals would leach out of the PVC material which forms the walls of the bottle, introducing positive contamination to the sample. Because all sampling bottles can differ slightly and sometimes greatly in their composition of impurities, the magnitude of the contamination can be random among samples, so that not even comparison of concentration values within the sample set can be justified in a relative sense. The clear lack of confidence in the results together with the strong suspicion that the samples are no longer representative of the original water mass would result in the assignment of a data rating value of 0. It should be noted that the chemical analyses could have been carried out with well-accepted analytical techniques using the finest state-of-the-art instrumentation. In fact, the analyses could be very precise and very accurate based on the analysis of certified reference materials. Unfortunately, despite the excellence of the analysis the results would still be hopelessly wrong. With reference to this inventory of chemical oceanographic data for the Beaufort Sea, cases as obvious as the example above were rare. The most common characteristic of the data sets was an insufficient description of how the results were generated. This led to the assignment of a data rating of 2 to the majority of data sets. It must be stressed, however, that a 2 rating is no better than a 0 rating unless missing information is supplied. If that information no longer exists or in fact never existed, a 0 rating would be warranted.

As already noted, merely stating that a given analytical method was used for a chemical analysis is not sufficient information to reach an opinion about the quality of the data. The quality of analysts varies widely. What can be attained by one analyst can be beyond the abilities of others even when "identical" procedures are employed as demonstrated on more than one occasion during inter-laboratory calibration exercises.

5.3 Significance of the Data Rating Value

The usefulness of the data will depend on the use for which the data are intended, i.e., which question or environmental concern is being considered. The data rating value may be seen to separate groups of data; this can lead to different degrees of understanding environmental processes. At least three levels of data quality are essential to establish significance of data.

Level 1: Identification of Ranges of Values

At this least discriminating level, the data can be assessed for whether or not their reported ranges fall within the general limits expected for coastal or estuarine areas. Gross errors, contamination, or methodology problems would be identified. Even if the ranges of data were physically possible, this level of data scrutiny does not provide any site-specific information, or determine whether the data were representative of a given geographic area, depth or particular time of year when the data were collected. Most data, even data scoring 0, 1 or 2 could be used in such a way.

Level 2: Comparison of Data within the Data Sets

At this level, comparison of profiles or time series within a given data set could be used to determine whether measurements of water or sediment properties at particular stations were significantly different from each other on the basis of precision of measurement. Data with a rating of 3 could be used in this instance provided the precision was sufficient to resolve differences within the range of measured values.

Level 3: Comparison of Data Between Data Sets

This is the minimum rating level required for studies of long-term variability of chemical components. It is also required for studies describing processes that control lateral and vertical distributions of chemical components. Studies involving the detection of subtle shifts in chemical equilibria that may lead to downstream effects (such as perturbations to biological systems or climatological changes) also require data with a high level of confidence and a measure of absolute accuracy. Only data with a rating of 4 could be considered for such applications, but will be inadequate when the samples are not representative of the environmental medium sampled. Full interpretation of chemical oceanographic data is impossible in isolation from knowledge of water column structure. Thus, when concurrent measurements of temperature, salinity and perhaps nutrients and dissolved oxygen or some other related variable are not available to support the chemical data, even 4-rated data will be of limited value. In such cases conclusions will be tentative, being based primarily on inference and conjecture.

5.4 Effect of Positioning on the Data Quality

Accuracy of the station positions is a factor essential to the proper use of the data inventory. This is particularly relevant when knowledge of spatial distributions of water or sediment properties are essential for the understanding of a particular oceanographic phenomenon. Many station positions were obtained using rudimentary techniques such as dead reckoning, or radar range and bearing at distances far from shore; consequently, there may be considerable uncertainty about the geographical location at which samples were obtained. This leads to the dilemma that some chemical data which have received a 4-rating may in fact be of little value in defining important spatial distributions.

5.5 Some Important Factors Relevant to the Data Appraisal Process

The sampling and sample processing techniques used in chemical oceanography are not universally applied to all parameters. Reliable results for certain parameters require the successful application of stringent and highly specialized precautions, while reliable results can be obtained for others using standard routine methodologies. Following is a brief discussion of factors that one must consider when evaluating data and examples of difficulties that can occur during processing of samples for the most commonly observed parameters in Table 2 (heavy metals, nutrients, dissolved oxygen, hydrocarbons, chlorinated hydrocarbons).

5.5.1 Heavy Metals

A. Sea Water

Many of the pitfalls associated with obtaining reliable heavy metal data in sea water can be illustrated by following the history of a water sample from the time of collection through to the completion of the analysis.

The first step facing the chemical oceanographer is the collection of a representative sample. Although this is probably the most important link in the chain of analytical operations, historically it has been given far less thought and care than it deserves. The sampling device must be constructed of materials that will not contaminate the sample. Thus, all metallic components of commonly used samplers must be removed or replaced. In addition, samplers must be thoroughly cleaned and kept clean between sampling casts. Teflon is an excellent construction material for samplers because it is usually manufactured with only very low trace metal impurities and can be hot acid cleaned. Samplers made from this material must be carefully cleaned, however, because during the fabrication of Teflon into a chemical apparatus, particles of grit, rust and dirt may become embedded in the surface to act as a source of contamination for long periods of time. The standard Niskin-type water sampler (which has been used extensively in Beaufort Sea sampling) usually contains an internal rubber-coated metal spring or rubber shock cord as part of the closing mechanism. Both are unacceptable since metal impurities can be present in these materials (for example zinc oxide at percent levels). Thus, the use of these samplers for the collection of sea water for zinc analysis is not recommended unless the standard internal spring has been replaced by a Teflon-coated spring or similar contamination-reducing component. Because the sea surface microlayer is enriched with heavy metals, it is advisable to obtain subsurface sea water samples by using samplers such as the Niskin GO-FLO sampler that passes closed through the sea surface layer. Peristaltic pumping systems employing acid-cleaned polyethylene or Teflon tubing have also been used to avoid some of the contamination associated with the surface layer and general handling but these are usually practical only for shallow depths.

The necessity for carefully choosing a sampler is clearly apparent from the results of recent sampler intercomparison studies. Spencer et al. (1982) report that surface water samples taken with a Teflon coated Niskin GO-FLO sampler possessed much higher concentrations of zinc (7-10 fold) and lead (2-3 fold) than those collected directly in Teflon bottles. Bewers and Windom (1982) compared GO-FLO, Niskin and Hydro-Bios samplers. Their results show that the sea water samples which had lower concentrations of metals (Cd, Cu, Ni, Zn, Fe, Mn, Hg, Mo, and V) were collected using GO-FLO bottles in which O-rings and seals were replaced by silicone equivalents; drain cocks were replaced by those made of solid Teflon. Modified Niskin samplers appeared to be only slightly inferior to the modified GO-FLO, but unmodified GO-FLO and Hydro-Bios samplers were generally poorer.

Other precautions that should be observed during the collection of sea water samples for heavy metal analyses include:

(i) use of plastic-coated steel rope, Kevlar rope or stainless steel wire rope in place of the standard iron hydrographic wire (Bewers and Windom, 1982);

(ii) stainless steel weights wrapped in plastic to weigh the hydrographic wire;

(iii) obtaining surface samples from a small boat by heading into the wind against local surface currents and holding the sample bottle so that it precedes the boat through the water.

Once collected, the sample must be transferred to a storage bottle for some period of time. The storage container must be prepared before use in order that the possibility of the bottle contaminating the sample is reduced. This usually involves a multi-stage and multi-day hot acid-cleaning procedure as described by the Participants of the Lead in Sea Water Workshop (1976). Cleaned containers are stored wrapped in polyethylene film and handled only with polyethylene-gloved hands. A preservative is usually added to the samples to inhibit biological activity and the absorption of heavy metals onto the walls of the storage containers. The preservative is most often HCl and must be of sufficient purity to ensure that any trace metal impurities associated with the addition of acid are insignificant relative to the quantity of metal present in the sample.

Most heavy metals samples can be stored in Teflon, polyethylene or quartz when properly cleaned. Mercury should not be stored in polyethylene because mercury vapour readily passes into and through the walls of these containers. The question of whether the sample should be filtered before acidification is controversial. The procedures involved during filtration (particularly on a dirty ship or other field environment where laboratory conditions are not easily reproduced) may often result in greater contamination than would otherwise result from the acidification of unfiltered samples. Sometimes filtration cannot be avoided. On these occasions, filtrations should be carried out (a) under reduced pressure in a closed system apparatus which allows the sample to flow directly from the sample bottle through a pre-cleaned filter into a second pre-cleaned storage bottle or (b) using positive pressure (compressed filtered N_2) in a device that allows direct filtration of a sea water sample from the sampler into a storage bottle. Ideally, the elapsed time between sample collection and analysis should also be minimized to reduce the possibility of sample modification during storage. For instance, prolonged storage may favour the formation of very strong or kinetically-hindered metal complexes with naturally-occurring chelating agents which may, in turn, prevent the formation of an extractable complex with a chelating agent, inhibit a colour-forming reaction or impede the reduction of an ion at an electrode. The ultimate result may be that normal analytical methods produce low results or miss a component entirely.

The analytical methodology must also be considered in view of current practices. Any analytical method may be internally consistent yet produce vastly different results from another method, making intercomparison difficult. An example is reported by Brewer and Spencer (1970) where results for the determination of cobalt in sea water obtained from the chelation/extraction/atomic absorption method were five to six fold greater than those obtained by neutron activation of the freeze-dried salts of replicate samples. Even primary reference standards may not be able to resolve such a discrepancy. Contamination arising during analysis from atmospheric fallout, reagents, sample handling, etc. must also be controlled. The recent trend toward performing heavy metal analyses in laminar flow work stations or Clean Rooms is understandable. Even so, it is not unusual to find members of the most advanced and prestigious marine analytical laboratories in the world disagree with each other by factors of 5 or more on the concentrations of metals in standardized sea water samples during international intercalibration exercises (Sugawara, 1978; Bewers et al., 1981; Olaffson, 1982). Deviations from the standardized or accepted values can exceed ±100% in these intercalibration studies.

The facts presented above emphasize several important points. Steps should always be taken to limit handling and the addition of preservatives to samples. It is also very difficult to form an objective opinion about the quality of a trace metal data set when details such as the ones described above are not given. A true perspective of the heavy metal data as a whole can be achieved by considering the scientists' awareness of problems associated with sampling, storage and sample handling at the time the samples were collected. As the importance of controlling contamination became evident over the years, more effort has been made to systematically eliminate or reduce as many sources as possible. The result has been a continued decrease in the reported values for heavy metals in sea water since 1942 (see Table 5.5.1).

TABLE 5.5.1

BASELINE CONCENTRATIONS OF SELECTED TRACE METALS IN OPEN-OCEAN WATERS REPORTED SINCE 1942

REFERENCE	UNITS	Cd	Cu	Pb	Zn	Ni
COMPILED DATA						
Sverdrup et al., 1942	µmol tonne^{-1}	present	157	1.9	85.0	—
Goldberg, 1965	µmol m^{-1}	0.98	47	0.14	153.0	—
Brewer, 1975	µmol m^{-3}	0.89	7.9	0.14	75.	—
ORIGINAL DATA						
Zirino and Healy, 1971	µmol m^{-3}	—	—	—	26.0	—
Chester and Stoner, 1974	µmol m^{-3}	0.62	12.6	—	21.0	—
Patterson, 1974	µmol m^{-3}	—	—	0.07	—	—
Bender and Gagner, 1976	µmol m^{-3}	<0.90	1.9	—	—	—
Eaton, 1976	µmol tonne^{-1}	0.53	—	—	—	—
Bruland et al., 1978	µmol m^{-3}	—	—	—	0.15 - 9.2	—
Kremling and Petersen, 1978	µmol m^{-3}	0.03 - 0.04	1.6 - 2.7	—	0.76 - 2.0	—
Windom and Smith, 1979	µmol tonne^{-1}	—	0.3 - 5.2	—	—	—
Bruland, 1980	µmol tonne^{-1}	0.002 - 1.11	0.54 - 5.3	—	0.08 - 9.1	—
Danielsson, 1980	µmol tonne^{-1}	0.07 - 0.84	1.3 - 5.5	0.10 - 0.82	—	3.1 - 16.2
Boyle et al., 1981	µmol tonne^{-1}	<0.01 - 0.08	0.05 - 1.5	—	—	1.03 - 3.5
Heggie, 1982	µmol tonne^{-1}	—	2 - 25	—	—	—

It is obvious in many cases (and strongly suspected in others) that although most of the heavy metal data obtained for the Beaufort Sea were collected since 1974, the techniques used and level of awareness are more characteristic of those used 50 or more years ago. Viewed as a whole, therefore, the quality of heavy metal data for Beaufort Sea water is probably very low and the data little more than collections of random numbers. During the past several years, artfully and carefully analyzed samples for heavy metals have generated results conclusively showing that heavy metals are not erratically distributed in the oceans as was the earlier uncomfortable conclusion drawn by many chemical oceanographers based on data dominated by contamination effects. Rather, horizontal and vertical distributions are now known to vary systematically and can be explained by geological, chemical and physical phenomena. Such evidence of physical and geochemical controls on heavy metal distributions leads to further confidence in metal data and is an aid when evaluating data collections.

B. Sediment and Biological Tissues

In general, the pitfalls encountered in the sampling, storage and analysis of marine sediment samples are fewer than those encountered with sea water samples because the concentrations are commonly about three orders of magnitude higher. Obtaining a representative sample still remains a challenge. Many grab samplers such as the Ponar, screen top Van Veen, Petersen and Kahl box sampler collect substrate together with overlying water. Extreme care must be taken that the overlying water does not wash out the fine material within the surface layer during removal of the sediment sample from the sampling device. Before sample collection, it is wise to consider the types of analyses that will be performed on the sample so that a suitable sub-sampling strategy can be devised. Walton (1978), for example, suggests that material from the outer portions of the sample can be used for physical analyses, whereas interior material which is more protected from disturbance or contamination can be used for metal or hydrocarbon analyses. Subsampling for one type of compound should not contaminate the remaining sample before removing a subsequent subsample. Some analysts prefer to analyse a subsample from a homogenized whole sediment; others analyze a given grain size fraction. Because trace metal content usually increases with surface area of particles, intercomparison of many data sets is often tenuous when different size fractions have been analysed. Also, errors may result when sieves made from copper or brass cloth are used to segregate grain sizes. For the analysis of heavy metals in benthic biota it is important that the animals be purged of gut contents before analysis, lest the inorganic sediment present in the gut be included in the estimation of biological metal. For larger animals such as fish and marine mammals specific organs are usually examined due to the vast range of values possible for various body organs.

For both sediment and biological metals, methods involving conditions which favour the formation of covalent halides (e.g., hot sulphuric, perchloric or phosphoric acid in the presence of halide ions) should be examined carefully given the possible quantitative distillation of chromium, arsenic, antimony, tin, selenium, rhenium and osmium and the vaporization of substantial amounts of germanium, molybdenum and mercury under such conditions, particularly when Teflon digestion bombs are not employed in the procedure.

5.5.2 Nutrients

The measured concentration of a given nutrient in a sea water sample is very dependent on analytical methodology. The term "reactive nutrients" is often used to emphasize that results refer to those quantities of nutrient that react under the conditions of specific analytical methods. Phosphate is usually measured as soluble inorganic orthophosphate ions which react with an acidified molybdate reagent to yield a phosphomolybdate complex which is then reduced to a highly coloured blue compound. Currently-used methods for ammonia determination (such as the indophenol blue method) usually measure NH_3 plus NH_4^+. Earlier methods included varying amounts of labile organic nitrogen compounds such as trimethylamine and amino acids in the determination. Nitrite is determined as an azo dye formed by the stepwise stoichiometric reaction of a nitrite ion with an aromatic amine. Nitrate is determined by the same method as nitrite after passing the sample through a catalytic reductor column to reduce nitrate to nitrite. Since many procedures do not measure nitrite separately, the results for nitrate would more accurately be stated as nitrate plus nitrite. The error involved is usually not significant, however, because nitrite is present only at about 5% of the concentration of nitrate. Silicon is determined as dissolved inorganic silicate based on the formation of a yellow silicomolybdic acid when an acidic sample is treated with molybdate solution. Colloidal silicic acid in sea water usually reacts, but polymeric chains containing three or more silicic acid units react very slowly.

The procedures used for sampling and storage of nutrients in sea water are often modified for specific applications. Some general points are noteworthy:

(a) for best analytical results, samples should be analysed within about one hour of collection;

(b) short-term storage should be in a cool, dark place;

(c) if long-term storage by freezing is necessary, it should be limited to a maximum of two months to limit variance caused by storage (Macdonald and McLaughlin, 1982);

(d) quick-freezing is an effective method for long-term storage of all nutrients except for silicate in estuarine water having a salinity of less than 27×10^{-3}. Caution must also be observed for samples containing silicate in excess of ca 70 mmol.m^{-3} or stored for longer than five months. In these cases, data may be successfully recovered provided that thaw times are long enough. The addition of preservatives to samples should be avoided to reduce the chance of contamination and possible interference with the analytical technique. In particular, acidification of phosphate samples is not recommended because of the tendency to favour hydrolysis of combined phosphorus. The addition of chloroform to phosphate samples should also be avoided because this requires a preliminary sample filtration step. Where water is visibly turbid, PO_4 samples must be filtered. This is particularly important in estuarine samples;

(e) silicate samples must be stored in plastic; phosphate samples keep best in plastic as uptake of phosphate by glass surfaces has been observed; nitrite/nitrate samples can be effectively stored in glass or plastic;

(f) before analysis, silicate samples should be thawed for a minimum of three hours to allow for depolymerization (exact time depends on length of time stored in the frozen state).

Although nutrient elements have been analysed frequently by many laboratories for many years, they cannot be routinely determined with sufficient confidence to resolve differences in nutrient water column structure. This is illustrated by the results of a 20-nation nutrient method intercalibration exercise conducted by ICES (International Council for the Exploration of the Sea, 1977) which showed that only 9% of the total variance of laboratory values was attributable to the "within laboratory" component of variance. Thus, the ability of each laboratory to obtain a precise result was much better than the overall accuracy observed during the intercalibration exercise. Coefficients of variation (CV) for the determination of the different nutrients ranged from 4% to 21%. Because the intercalibration was not a blindfold test, these CV's probably overestimate the precision that would be expected under routine laboratory conditions.

5.5.3 Dissolved Oxygen

Almost without exception, the chemical determination of oxygen in sea water is based on the Winkler titration (Carpenter, 1965). Samples must be carefully obtained, fixed and stored all the while limiting or eliminating contact with atmospheric oxygen until after formation of the tri-iodide complex. Numerous systematic errors can occur during the determination of dissolved oxygen by the Winkler titration method, most of which result in an overestimation of oxygen content. Utmost care must be taken in the preparation of iodate solution for standardization by using only the highest quality primary standards.

In situ oxygen probes have also been used to measure dissolved oxygen. Because sensor calibrations often wander or because compensation for changes in temperature and salinity are insufficient or too slow, the sensitivity and accuracy of the *in situ* probe may be insufficient to resolve dissolved oxygen concentrations in the water column or during surface tows. Oxygen concentrations obtained from *in situ* probes should be treated as approximate unless compelling evidence is provided to indicate otherwise.

5.5.4 Hydrocarbons

A. Sea Water

In the past, the methodologies used by various researchers for sampling, sample preservation and storage, and cleaning procedures have generally been used on an *ad hoc* basis each designed and implemented to suit a particular study or application. The best samplers appear to be made of glass or stainless steel which can be effectively solvent cleaned. Contamination during sampling is a serious and commonly encountered problem. Hydrowire can be easily contaminated by oil and grease found in plentiful quantities on the sampling vessel and particulate fallout from combustion of the ship's fuel can also be present. Kevlar or stainless steel cable is preferred for sample casts in conjunction with samplers that pass closed through the sea surface to avoid being contaminated by the natural and anthropogenic hydrocarbon componds which concentrate in slicks at the surface. This is particularly important for ship-based operations where a halo of surface oil can quickly form at a station and extend a considerable distance away from the vessel. Samples should be stored in a dark, cool place. They should contain added bactericides such as mercuric chloride, sodium azide, chloroform or methylene chloride to limit alteration of the sample through photolysis or bacterial action. Wong et al. (1976) reported that as much as 30% of dissolved PAH was removed from solution by adsorption onto the walls of the storage container during the sample storage period. It is prudent, therefore, to wash sample containers with solvent to recover analyte that would otherwise be lost and lead to an underestimation of the dissolved PAH content of the samples.

B. Sediments and Biota

Hydrocarbons in sediments and biota present fewer contamination problems than sea water samples because concentrations are very much greater than in sea water. Sediments can be successfully collected with grab samplers with the same reservations as outlined above for sampling sediments for heavy metals. No special precautions beyond those already mentioned above need be taken for biological samples.

During the analysis step, however, several pitfalls may occur. Soxhlet extraction of sediments is common. There is some evidence that this may encourage an in situ contamination through the formation of PAH compounds. Results for low boiling compounds (low molecular weight compounds) should be considered highly unreliable if rotary evaporation techniques have been used to reduce extract volumes.

It is very difficult to compare hydrocarbon results among various studies. Results are often presented for classes of compounds such as aliphatics, polyaromatics, chlorins, fatty acids, etc. Column chromatography separations vary from one method to another resulting in the aliphatics determined by one procedure not being equivalent to the aliphatics measured in another. Quantification of specific compounds may be based on the co-injections of standards in a GC or by reference to an internal standard. Total PAH is defined by some authors as the sum of all resolved peaks, a specifically identified assemblage of PAH or the sum of resolved and unresolved PAH. Different methods generate different looking results. For instance, PAH by fluorescence may generate results in units of a standard pure PAH compound such as chrysene while PAH by GC produces results for specific compounds. An example given by Awad (1981) illustrates that it is impossible to obtain the same results applying two different techniques on the same sample even if they differ in just a single step. In the two techniques by Blumer et al. (1971) and Vandermeulen et al. (1974) applied to sediments, the extraction steps were different but the purification steps were the same. The weights of organic extracts and yield of hydrocarbons produced from the first technique, however, were three to seven times higher than those obtained from the second.

Intercalibrations using different analytical techniques for hydrocarbons are usually unsuccessful. An example is the analysis of sediment samples from an area affected by the ARGO MERCHANT oil spill using u.v. fluorescence spectroscopy and gas chromatography. Although the samples used were considered to be identical, the two research groups carrying out the analyses reported no significant correlation of results for values less than 100 $\mu g.g^{-1}$. In addition, Zsolnay (1978) reported no significant correlation between the results obtained by GC and high performance liquid chromatography (u.v. detector) when analysing organism tissues.

Extreme caution must be exercised when comparing concentrations for various hydrocarbon groupings or compounds among the various data sets.

5.5.5 Chlorinated Hydrocarbons

The analysis of chlorinated hydrocarbons such as pesticides and polychlorinated biphenyls presents great difficulty, because concentrations of these substances in sea water are very low (parts per 10^9 or less) leading to the need for large sample sizes (10 litres or more). Problems arise from the handling of these large volumes during the complicated multi-stage analytical procedures employed in the determination of chlorinated hydrocarbons. Procedures are often more art than science where the skill of the analyst becomes paramount to the end result. Contamination of samples can be a serious hazard because of the previous widespread use of chlorinated hydrocarbons in the manufacture of industrial and commerical products. In recent years the manufacture of most chlorinated hydrocarbons and their use in other products has been controlled by legislation, so that the chances of contamination during sampling sea water should be decreasing.

Because chlorinated hydrocarbons are hydrophobic and lipophilic, they tend to concentrate at particle surfaces and in the fatty tissues of organisms. Consequently, their determination in biological tissues and sediments is much simpler than for sea water, although procedures remain complicated and non-routine so that results can be erratic if careful attention is not paid to each step of a procedure.

Despite the medium sampled, exact details of sampling, storage and analysis must be specified in order that data quality can be assessed. Quantification is very difficult because of the many isomers and interferences normally encountered in chlorinated hydrocarbon assemblages. Demonstrated effective control of low level blanks can increase confidence in the results.

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7. DATA INVENTORY TABLE 1

NOTE: Entries appearing in column 5 indicate the chemical parameters which are reported in Table 2. Entries which are underlined refer to the medium sampled.

ABBREVIATIONS USED IN TABLE 1

DFO	Department of Fisheries and Oceans
D.O.E.	Department of Environment
D.I.A.N.D.	Department of Indian Affairs and Northern Development
EP	Environmental Protection
EPS	Environmental Protection Service
ESRF	Environmental Studies Research Funds
NOGAP	Northern Oil and Gas Action Program

ABBREVIATIONS USED IN TABLES 1 and 2

AAS - atomic absorption spectrophotometry (this general term used when it is not known whether instrument was used in flame (FAAS) or graphite furnace (GFAAS) mode)
Ag - silver (AW = 107.88)
AgDDC - silver diethyldithiocarbamate
Al - aluminum (AW = 26.98)
Al_2O_3 - aluminum oxide/alumina
Alk - alkalinity
Alk_t - total alkalinity
ANTH - anthracene
APDC - ammonium pyrrolidine dithiocarbamate
APHA - American Public Health Association
AS - Absorption Spectroscopy
As - Arsenic (AW = 74.92)
ASTM - American Society for Testing and Materials
AuA - auto analyzer

B - boron (AW = 10.81)
B(a)A - benzo(a)anthracene
B(a)P - benzo(a)pyrene
B(e)P - benzo(e)pyrene
αBHC - alphahexachloracyclohexane (α-HCH)
βBHC - betahexachloracyclohexane (ß-HCH)
Ba - barium (AW=137.34)
Be - beryllium (AW=9.01)
BOD - biological oxygen demand
BT - bathythermograph

C - carbon (AW = 12.01) or conductivity when located in concurrent physical meausrements column
C_2H_6 - ethane
C_2H_4 - ethene
C_3H_8 - propane
C_3H_6 - propene

C_4H_{10} - butane
Ca - calcium (AW = 40.08)
Ca-H - calcium hardness
CaO - calcium oxide
cc - column chromatography
Cd - cadmium (AW = 112.40)
CH_4 - methane
chl a - chlorophyll a
CHR - chrysene
Cl - chlorine (AW = 35.45)
Co - cobalt
CO_2 - carbon dioxide
CO_3 - carbonate
COD - chemical oxygen demand
Cr - chromium (AW = 52.00)
CRAAS - carbon rod atomic absorption spectrophotometry
CTD - conductivity-temperature-depth
Cu - copper (AW = 63.55)
CVAAS - cold vapour atomic absorption spectrophotometry

o,p′-DDD - 2-(o-chlorophenyl)-2-(p-chlorophenyl)-4 x 1,1-dichloroethane
p,p′-DDD - 2,2-bis(p-chlorophenyl)-1,1-dichloroethane (F.W. = 320)
o,p′-DDE - 2-(o-chlorophenyl)-2-(p-chlorophenyl)-P x 1,1-dichloro-
p,p′-DDE - 2,2-bis (p-chlorophenyl)-1,1-dichloroethylene (F.W. = 318)
o,p′-DDT - 1-(o-chlorophenyl)-1-(p-chlorophenyl)-2,2,2-trichloroethane (F.W. = 318)
p,p′-DDT - 1,1-bis-(p-chlorophenyl)-2,2,2-trichloroethane (F.W. = 354.5)
DOC - dissolved organic carbon
DWB - dry weight basis
<dl - less than detection limit

ECGC - electron capture gas chromatography
EDTA - ethylene diamine tetra acetate

F - fluorine (AW = 19.00)
F-DS - fixed dissolved solids
FAAS - flame atomic absorption spectrophotometry
Fe - iron (AW = 55.85)
Fe_2O_3 - iron (III) oxide
FLU - fluoranthene
FR - filterable residue
FS - fluorescence spectroscopy
F-SPM - fixed suspended particulate material

GC - gas chromatography
GC (FID) - gas chromatography (flame ionization detector)
GCMS - gas chromatography - mass spectrometry
GFAAS - graphite furnace atomic absorption spectrophotometry
GLC - gas liquid chromatography
GrC - graphite carbon

HCB - hexachlorobenzene (F.W. = 284.78)
H - hardness
H_2S - hydrogen sulphide
H_2SO_4 - sulphuric acid
HC - hydrocarbons
$HClO_4$ - perchloric acid
HCO_3 - bicarbonate
HEC - hexane extractable compounds
HF - hydrofluoric acid
Hg - mercury (AW = 200.59)
HNO_3 - nitric acid
HPLC - high performance liquid chromatography

IEC - ion exchange chromatography
IR - infra-red spectroscopy

K - potassium (AW = 39.10)

Li - lithium (AW = 6.94)
LMWHC - low molecular weight hydrocarbons
LOI - loss on ignition

MFO - mixed function oxidase
Mg - magnesium (AW = 24.31)
MgO - magnesium oxide
MIBK - methyl isobutyl ketone
Mn - manganese (AW = 54.94)
MnO - manganese (II) oxide
Mo - molybdenum (AW = 95.94)
MS - mass spectrometry

N - nitrogen (AW = 14.01)
Na - sodium (AW = 22.99)
Na_2O - sodium oxide
NaDDC - sodium diethyldithiocarbamate
NAPH - naphthalene
NBS - National Bureau of Standards (U.S.A.)
NFR - non-filterable residue
Ni - nickel (AW = 58.71)
NO_2 - nitrite nitrogen
$NO_2(g)$ - nitrogen dioxide gas
NO_3 - nitrate nitrogen (AW = 14.01)
NPG - no position given
NS - not specified

$\delta^{18}O$ - $^{18}O/^{16}O$ isotopic ratio
O & G - oils and grease
O_2 - dissolved oxygen
OC - organic carbon
Org. N - organic nitrogen
Org. PO_4 - organic phosphate
ORP - oxygen reduction potential
OUR - oxygen uptake rate

P - total phosphorus
P_2O_5 - phosphorus (V) oxide
PAH - polyaromatic hydrocarbons
Pb - lead (AW = 207.19)
210_{Pb} - lead (AW = 210)
PE - polyethylene
PERY - perylene
pH - $-\log [H^+]$
PHAEO - phaeopigments
PHEN - phenanthrene
PHYT - phytane
PIT - particle interceptor traps
PO_4 - phosphate - phosphorus
POC - particulate organic carbon
PON - particulate organic nitrogen
PRIS - pristane
PVC - polyvinyl chloride
PYR - pyrenc

Rb - rubidium (AW = 85.47)

S - sulphur (AW = 32.06) or salinity when located in concurrent physical measurements column
S & P - Strickland and Parsons
SF - spectrofluorometry
sfc - surface
Si - silicate-silicon ($Si(OH)_4$)
SI - sulphation index
SiO_2 - silica
SiO_3 - silicate
SM - settleable material
Sn - tin (AW = 118.69)
SO_2 - sulphur dioxide
SO_4 - sulphate
SPM - suspended particulate matter
Sr - strontium (AW = 87.62)
S/S - stainless steel

Susp C - suspended carbon
Susp N - suspended nitrogen
Susp P - suspended phosphorus

T - temperature
TAc - total acidity as $CaCO_3$
TC - total carbon
TDN - total dissolved nitrogen
TDP - total dissolved phosphate
T-DS - total dissolved solids
TH - total hardness
Ti - titanium (AW=47.90)
TIC - total inorganic carbon
TKN - total Kjeldahl nitrogen
TLC - thin layer chromatography
TOC - total organic carbon
TR - total residue
T-SPM - total suspended particulate material
TSS - total suspended solid

U - uranium (AW = 238.03)
UV - ultraviolet

V - vanadium (AW = 50.94)
V-DS - volatile dissolved solids
VS - visible spectroscopy
V-SPM - volatile suspended particulate material

WT - Winkler titration
WWB - wet weight basis

XRF - X-ray fluorescence

YSI - Yellow Springs instrument

Zn - zinc (AW = 65.37)

PARAMETERS AND CHEMICAL QUANTITIES

Parameter: Hydrocarbons

1,1-dimethylethyl)-4-methoxyphenol
(1-butylheptyl)benzene
(1-methylbutyl)-oxirane)
(e)-1,1'-(1,2-ethenediyl) bisbenzene
1,1'-biphenyl-4-carboxaldehyde
1,1'-biphenyl
1,2,3-trimethylbenzene
1,2-diphenylhydrazine
1,3,3-trimethylbicyclo(2,2,1) heptan-2-ol
1,6-etheneoazulene,1,3A,6,8A-tetrahydro
1-(methylphenyl)ethanone
11H-benzo(a)fluorene
16,17-dihydro-3(1-methylethyl)-15H-cyclopenta(a)phenanthrene
1H-phenanthro(9,10-d)imidazole
2-methyl naphthalene
2,3,4,5-tetrachlorophenol
2,3,4,6-tetrachlorophenol
2,3,5-trichlorophenol
2,3,5,6-tetrachlorophenol
2,4-dichlorophenol
2,4-dihydroxy-6-methylbenzoic acid, methylester
2,4-dimethylphenol
2,4-dinitrophenol
2,4,6-trichlorophenol
2,6-bis(1,1-dimethylethyl)-2,5-cyclohexadiene-1,4-dione
2-chlorophenol
2-ethylhexanoic acid
2-ethylphenol
2-hydroxy-3-methoxybenzoicacid, methylester
2-methylphenol
2-nitrophenol
2-phenylnaphthalene
3,6-dichloro-9H-carbazole
3-ethenyl-4-methyl-1H-pyrrole-2,5-dione
3-ethyl-4-methyl-1H-pyrrole-2,5-dione
3-hydroxybenzaldehyde
4-chloro-3-methylphenol
4,6-dinitrophenol
4,6-dinitro-o-cresol
4-nitrophenol
4(1,1-dimethyl)ethylphenol
4,5-dimethyl-2-oxide-1,3,2-dioxathiolane
4-(1-azido-1-methylethyl)-1,1'-biphenyl
4-hydroxybenzaldehyde
4-methyl-2-quinolinecarbo-nitrile-1-oxide
4-methyldibenzofuran
4-methylphenol
7H-benz(de)anthracen-7-one
9,10-phenanthrenedione
9-octadecanoic acid
9H-acridinone
9H-anthracenone
9H-fluoren-9-one
9H-xanthene
Acenaphthene
Acenaphthylene
Alkylated PAH
ANTH
B(a)A
B(a)P
B(b)A
B(b)FL
B(e)P
B(g,h,i)perylene
Benz(a)anthracene
Benz(a)anthracene,1,2,3,4,7,12-hexahydro
Benzenecarbothioicacid,hydrazide
Benzo(b)naphthol(2,1-d)thiophene
Benzo(b),(j) and (k)fluoranthene
Benzo(k)fluoranthene
BF
Bis(2-ethylhexyl)phthalate
C_2H_4
C_2H_6
C2-(benz(a)anthracene/chrysene)
C2-(fluoranthene/pyrene)
C2-(phenanthrene/anthracene)
C2-dibenzothiophenes
C2-fluorenes
C2-naphthalenes
C_3H_6
C_3H_8
C3-(fluoranthene/pyrene)
C3-(phenanthrene/anthracene)
C3-naphthalenes
C_4H_{10}
C4-(fluoranthene/pyrene)
C4-(phenanthrene/anthracene)
C4-naphthalenes
CH_4
CHR
Chrysene/triphenylene
Di-n-butylphthalate
Diallylacetylpalmitaldehyde
Dibenz(a,h)anthracene
Dibenzofuran
Dibenzothiophene
Diisooctylphthalate
Dimethylphthalate
Farnesane
FLU
Fluorene

HC as methane
Indeno(1,2,3-c,d)pyrene
Isoprenoid hydrocarbons
Methyl(benz(a)anthracene/chrysene)s
Methyl(fluoranthene/pyrene)s
Methyl(phenanthrene/anthracene)s
Methyldibenzothiophenes
Methylfluorenes
Methylnaphthalenes
N,N-dimethylbenzo(c)cinnolin-4-amine
n-alkanes
N-nitrosodiphenylamine
NAPH
Naphthacene
Non-polar HC - total
Norfarnesane(a)
Norfarnesane(b)
Norfarnesane(c)
Norfarnesane(d)
Norfarnesane(e)
Norpristane
p-chloro-m-cresol
PAH
PAH Metabolites
Pentachlorophenol
PERY
PHEN
Phenol
Phthalate diesters
PHYT
PRIS
PYR
RH
Saturated HC
Silicicacid(H_4SiO_4),tetrapropylester
SUM ALK
Tarballs
Total isoprenoids
Total n-alkanes
Total non-polar hydrocarbons
Total PAH
Trans-1,2-dichlorocyclohexane
Trans-2-chlorcyclohexanol
UCM
Unsubstituted PAH

Parameter: Organochlorines

Aldrin
cis-chlordane
Dieldrin
Endrin
Heptachlor
Heptachlor epoxide
Methoxychlor
Mirex
PCB
Total DDE
Total DDT
Total PCB
trans-chlordane
o,p'-DDE
o,p'-DDD
o,p'-DDT
p,p'-DDE
p,p'-DDD
p,p'-DDT
α-endosulfan
α-BHC
β-BHC
β-endosulfan

Parameter: Metals

Ag
Al
As
Ba
Be
Ca
Cd
Co
Cr
Cu
Fe
Hg
K
Li
Me-Hg
Mg
Mn
Mo
Na
Ni
Pb
Rb
Se
Sn
Sr
Ti
U
V
Zn

Parameter: Pigments

Chl a
Chl a + Phaeo
Phaeo

Parameter: Nitrogen-, Phosphorous-, Silica-based Nutrients

Acid H_3PO_4
Organic PO_4
NO_2
NO_3
PO_4
SiO_3
SO_4
SRP
UCM np-HC

Parameter: Dissolved Gases

O_2
CO_2

Parameter: Isotopes and Isotopic Ratios

$\delta^{18}O$
$\delta^{13}C$
$\delta^{34}S$

Parameter: C-H-N-P

OC
Organic C
Organic N
P
TOC
POC
PON
Susp C
Susp N
Susp P
TC
TDN
TDP
TIC
TKN

Parameter: Other

% loss on ignition
Al_2O_3
Alk
Alk as $CaCO_3$
Alk as HCO_3
Alk_t
Alk_t as $CaCO_3$
Amino acids
B
BOD
CaO
$CaCO_3$
Chlorins
Cholesterol
Cl
Clay
CO_3
CO_3 as $CaCO_3$
COD
Dustfall
F
F-DS
F-SPM
Fatty acids
Fe_2O_3
FR
Graphite C
H
H_2S
HCO_3
HCO_3 as $CaCO_3$
HEC
Hardness
Lipids
Metal porphyrin
MgO
MFO
MnO

Na_2O
NFR
Oil and Grease
ORP
OUR
Ozone
P_2O_5
pH
Phospho-lipids
Plastics
Settleable solids
SI
Si
SiO_2
SM
SO_2
SPM
SPM as SiO_2
Sterols
Sulphide
Sulphur
T-DS
TAC
TH
TH as $CaCO_3$
Total lipids
Total SPM
TR
TSS
Triglycerides
Turbidity
V-DS
V-SPM
V-S
Wax esters

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
50-0001	U.S.S. BURTON ISLAND	08/19/50 08/23/50	Continental Slope	Water Column: Dissolved Gases Bottom Sediment:	Water Column: T, S, BT, currents transparency secchi depth	Plankton:	68 samples collected by NEL snapper Phleger, Emergy-Dietz Corer, dredge
51-0001	U.S.S. BURTON ISLAND	09/14/51 09/21/51	Continental Slope, Canada Basin	Water Column: Dissolved Gases Bottom Sediment:	Water Column: T, S, BT, currents, secchi depth	Plankton: Benthos: Fish:	61 samples collected
52-0001	C.G.M.V. CANCOLIM II	07/25/52	Tuktoyaktuk Continental Shelf	Water Column: Dissolved Gases	Water Column: T, S		
52-0002	U.S.S. BURTON ISLAND	09/02/52 09/10/52	Continental Slope	Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other Bottom Sediment:	Water Column: T, S, BT, currents, secchi depth	Plankton:	26 samples taken (snapper-Phleger)
53-0001	U.S.S. BURTON ISLAND	08/08/53 08/11/53, 08/25/53	Amundsen Gulf	Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other Bottom Sediment:	Water Column: T, S, BT, currents	Plankton: plankton hauls	72 samples collected (snapper-Phleger)
54-0002	U.S.S. BURTON ISLAND	08/08/54 08/10/54, 09/07/54 09/13/54	Continental Slope, Tuktoyaktuk Shelf	Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other	Water Column: T, S		
54-0003	U.S.C.G.C. NORTHWIND	08/09/54 08/14/54, 09/07/54 09/10/54	Amundsen Gulf	Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other	Water Column: T, S		
59-0001	FLETCHER'S ICE ISLAND (T-3)	06/17/59 09/09/59	Canada Basin	Water Column: Dissolved Gases Other	Water Column: T, S, chlorinity		
62-0001	M.V. SALVELINUS	07/16/62 08/29/62	Eskimo Lakes and Liverpool Bay	Water Column: Dissolved Gases	Water Column: T, S	Fish: Benthos:	

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
63-0001	M.V. SALVELINUS	07/24/63 08/28/63	Amundsen Gulf	Water Column: Dissolved Gases	Water Column: T, S	Fish: Benthos:	
69-0001	U.S.C.G.C. STATEN ISLAND	08/08/69 08/10/69	Continental Slope	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other	Water Column: T, S		
69-0002	RESEARCH COUNCIL OF ALBERTA	08/07/69	Mackenzie River Delta	Water Column: (sfc water only) C-H-N-P Hydrocarbons Isotopes and Isotopic Ratios Metals N-, P-, Si-based Nutrients Other Water Column Suspended Matter: Other Bottom Sediment: Hydrocarbons	Water Column: T, C, turbidity		
70-0003	C.S.S. RICHARDSON	07/01/70	Kugmallit Bay	Bottom Sediment: Metals	Water Column: T, S Substrate: mineralogy		pooled results from 31 bottom sediments
70-0008	C.S.S. HUDSON	07/01/70 08/31/70	Tuktoyaktuk Continental Shelf	Bottom Sediment: C-H-N-P Hydrocarbons Other			
70-0009	C.S.S. HUDSON C.S.S. PARIZEAU C.S.S. RICHARDSON	01/01/70 12/31/72	Tuktoyaktuk Continental Shelf	Bottom Sediment: C-H-N-P Dissolved Gases Other			
71-0004A	ARCTIC BIOLOGICAL STATION, D.O.E.	08/19/71 09/09/71	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S, secchi depth		

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
71-0004B	ARCTIC BIOLOGICAL STATION, D.O.E.	12/15/71	Eskimo Lakes	Water Column: C-H-N-P N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S Ice: ice thickness snow cover		
71-0006	CANADIAN WILDLIFE SERVICE	10/01/71 11/31/71	Herschel Island, Sachs Harbour	Biota: (polar bears) Organochlorines			see 72-0008
72-0002	U.S.C.G.C. STATEN ISLAND	10/01/72 04/30/73	Tuktoyaktuk Continental Shelf	Bottom Sediment: C-H-N-P Metals Other	Substrate: physical parameters of sediments incl. grain size analysis		
72-0003	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	03/01/72 09/30/72	Mackenzie River Delta, Mackenzie Bay	Atmosphere: Hydrocarbons N-, P-, Si-based Nutrients Other Water Column: C-H-N-P Hydrocarbons Metals N-, P-, Si-based Nutrients Other Biota: (flora and fauna) Metals Other Soil: Metals Other Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T		Baseline studies in proposed Taglu-Richards Island development area
72-0004A	ARCTIC BIOLOGICAL STATION, D.O.E.	03/17/72	Eskimo Lakes	Sea Ice: C-H-N-P N-, P-, Si-based Nutrients Other Pigments	Ice: S (of ice) ice thickness snow cover		

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
72-0004B	ARCTIC BIOLOGICAL STATION, D.O.E.	05/18/72 09/04/72	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments Sea Ice: N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S		
72-0004C	ARCTIC BIOLOGICAL STATION, D.O.E.	11/24/72 11/25/72	Eskimo Lakes	Water Column: C-H-N-P N-, P-, Si-based Nutrients Other Pigments Sea Ice: C-H-N-P N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S Ice: S (of ice) ice thickness snow cover		
72-0005	FISHERIES RESEARCH BOARD	07/01/72	Kugmallit Bay	Biota: (Beluga whales) Organochlorines			
72-0006	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	07/05/72 08/06/72	Mackenzie River Delta	Water Column: (sfc samples only) Dissolved Gases Other	Water Column: T	Fisheries: gillnet and seine sampling Benthos: species composition numerical abundance Plankton: (sfc hauls) species composition relative abundance	
72-0007	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	07/06/72 09/10/72	Mackenzie Bay	Water Column: (sfc samples only) Dissolved Gases Other	Water Column: T, C, currents continuous water level gauge data secchi depth	Plankton: species composition numerical abundance Benthos: species composition numerical abundance Fisheries: offshore gillnet, coastal gillnet, seining and trawling surveys Birds: inventory of birds occurring in study area	baseline studies prior to offshore oil and gas development

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
72-0008	CANADIAN WILDLIFE SERVICE	08/01/72	Sachs Harbour	Biota: (seals) Organochlorines			see 71-0005
72-0014	ARCTIC BIOLOGICAL STATION, D.O.E.	01/01/72 12/31/73	Amundsen Gulf	Biota: (seals, arctic char) Metals			
72-0019	ARCTIC BIOLOGICAL STATION, D.O.E.	01/01/72 12/31/77	Amundsen Gulf	Biota: (seals) Metals			
73-0001	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	03/20/73 03/21/73	Mackenzie Bay	Water Column: (bottom samples only) Dissolved Gases Metals Other	Water Column: S, T, C, turbidity currents Ice: ice thickness	Plankton: species composition numerical abundance	sampling took place before completion of Immerk artificial island
73-0002	NORTH STAR OF HERSCHEL ISLAND	07/20/73 07/27/73	Tuktoyaktuk Continental Shelf	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S	Plankton: zooplankton	
73-0003A	ARCTIC BIOLOGICAL STATION, D.O.E.	02/23/73, 06/19/73 06/20/73	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments Sea Ice: C-H-N-P N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S Ice: S (ice) ice thickness snow cover		
73-0003B	ARCTIC BIOLOGICAL STATION, D.O.E.	06/21/73 08/23/73	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S secchi depth		
73-0003C	ARCTIC BIOLOGICAL STATION, D.O.E.	07/04/73 08/18/73	Eskimo Lakes, and Liverpool Bay	Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S secchi depth		

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
73-0003D	ARCTIC BIOLOGICAL STATION D.O.E.	09/30/73 10/01/73	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S secchi depth		
74-0001	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	03/24/74 04/18/74	Mackenzie Bay	Water Column: Dissolved Gases Metals N-, P-, Si-based Nutrients Other Bottom Sediment: C-H-N-P	Water Column: T, S, currents Ice: ice thickness Substrate: sediment grain size	Plankton: species composition numerical abundance Benthos: species composition numerical abundance	winter baseline data program
74-0003	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	07/10/74 09/29/74	Mackenzie Bay	Water Column: Dissolved Gases Metals N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S, C, currents	Benthos: species composition numerical abundance Plankton: species composition numerical abundance	
74-0007A	ARCTIC BIOLOGICAL STATION, D.O.E M.V. THETA	07/14/74 09/02/74	Tuktoyaktuk Continental Shelf	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Pigments	Water Column: T, S secchi depth		
74-0007B	ARCTIC BIOLOGICAL STATION, D.O.E.	12/01/74	Kugmallit Bay	Water Column: N-, P-, Si-based Nutrients Other	Water Column: T, S	Plankton: zooplankton	
74-0008	INSTITUTE OF OCEAN SCIENCES, OCEAN CHEMISTRY DIVISION M.V. THETA	08/11/74 09/01/74	Tuktoyaktuk Continental Shelf	Water Column: Dissolved Gases Hydrocarbons N-, P-, Si-based Nutrients Other Water Column Suspended Matter: Hydrocarbons Bottom Sediment: Hydrocarbons	Water Column: T, S	Plankton:	
74-0009	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	01/24/74 04/10/74	Mackenzie River Delta	Water Column: C-H-N-P Dissolved Gases Metals N-, P-, Si-based Nutrients Other	Water Column: T, S, C Ice: snow cover turbidity		baseline studies

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
74-0010A	ARCTIC BIOLOGICAL STATION, D.O.E.	03/01/74 03/02/74, 05/24/74 05/25/74	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments Sea Ice: C-H-N-P N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S Ice: S, ice thickness snow cover		
74-0010B	ARCTIC BIOLOGICAL STATION, D.O.E.	06/20/74	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S Ice: ice thickness snow cover		
74-0010C	ARCTIC BIOLOGICAL STATION, D.O.E.	07/02/74 03/23/74	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S secchi depth		
74-0011	AQUATIC RESOURCES Canadian Arctic Gas Study Limited	06/20/74 09/21/74	Firth-Malcolm River Estuaries	Water Column: C-H-N-P Dissolved Gases Metals N-, P-, Si-based Nutrients Other	Water Column: T, S, C	Plankton: species composition numerical abundance Benthos: species composition numerical abundance	baseline measurements
74-0019	F.F. SLANEY & CO. LIMITED *Sunoco*	02/01/74 03/31/74	Mackenzie Bay	Water Column: Dissolved Gases Metals Other	Water Column: C, turbidity	Benthos: species composition numerical abundance Plankton: species composition numerical abundance	
74-0020	FRESHWATER INSTITUTE, D.O.E.	03/22/74 09/20/74	Mackenzie River Delta	Water Column: Dissolved Gases Other	Water Column: T, S secchi depth	Fish: fish populations	see 75-0024
74-0021A	NORTHERN OPERATIONS BRANCH, D.O.E.	04/01/74	Thetis/Phillips/ Trent Bays	Water Column: Metals N-, P-, Si-based Nutrients Other	Water Column: T, S	Fish: fish populations	see 75-0025
74-0021B	NORTHERN OPERATIONS BRANCH, D.O.E.	07/01/74 08/31/74	Thetis/Phillips/ Trent Bays	Water Column: Metals N-, P-, Si-based Nutrients Other	Water Column: S	Fish: fish populations	

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
74-0021C	NORTHERN OPERATIONS BRANCH, D.O.E.	07/17/74 09/24/74	Thetis/Phillips/ Trent Bays	Water Column: Dissolved Gases Other	Water Column: T secchi depth	Fish: fish populations	
74-0022	AQUATIC ENVIRONMENTS Canadian Arctic Gas Study Limited	10/01/74 04/05/75	Mackenzie River Delta	Water Column: Dissolved Gases Other	Water Column: T, S, turbidity	Fish: fish populations	
74-0027	NORCOR ENGINEERING & RESEARCH LIMITED Department of Environment	11/15/74 07/19/75	Balaena Bay	Water Column: Dissolved Gases Hydrocarbons Other	Water Column: T, S	Plankton and Benthos: phytoplankton, zooplankton, benthic algae and benthic invertebrate species identification and numerical abundance, primary productivity	oceanographic data collected in conjunction with experimental oil spill see 75-0028A see 75-0028B
75-0004	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	07/08/75 08/20/75	Mackenzie and Kugmallit Bays	Water Column: C-H-N-P Dissolved Gases Metals N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S, C, currents	Plankton and Benthos: species composition abundance Fisheries: gillnet and beach seine sampling	monitoring at active, abandoned, and potential artificial island (dredging) site
75-0006	INSTITUTE OF OCEAN SCIENCES, OCEAN CHEMISTRY DIVISION M.V. PANDORA II	08/05/75 08/23/73	Tuktoyaktuk Continental Shelf	Water Column: Dissolved Gases Hydrocarbons Metals N-, P-, Si-based Nutrients Other Water Column Suspended Matter: Hydrocarbons Other Bottom Sediment: (cores) Hydrocarbons Isotopes and Isotopic Ratios Metals Other Biota: Hydrocarbons Metals	Water Column: S, T, CTD Substrate: SPM particle size spectra (Coulter Counter)		most of unanalysed samples lost due to freezer malfunction
75-0009	M.V. THETA	08/20/75 09/09/76	Tuktoyaktuk Continental Shelf	Water Column: Other	Water Column: T, S		

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
75-0010A	ARCTIC BIOLOGICAL STATION, D.O.E.	02/27/75 02/28/75	Eskimo Lakes	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments Sea Ice: C-H-N-P N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S secchi depth Water Column: S		
75-0010B	ARCTIC BIOLOGICAL STATION, D.O.E.	06/15/75 07/21/75	Eskimo Lakes	Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S secchi depth		
75-0011	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	04/11/75 09/29/75	Taglu, Richards Island	Water Column: (sfc samples only) C-H-N-P Dissolved Gases Metals N-, P-, Si-based Nutrients Other	Water Column: T, C, hydrologic data (e.g., water levels, flow rates channel bathymetry, extent of flooding, drainage networks, storm surges), turbidity Ice: ice thickness ice properties ice break-up patterns ice jams		baseline data prior to construction of proposed gas plant at TAGLU D-43
75-0012A	ARCTIC BIOLOGICAL STATION M.V. PANDORA II	05/06/75 05/09/75	Tuktoyaktuk Continental Shelf	Water Column: N-, P-, Si-based Nutrients Other	Water Column: T, S		
75-0012B	ARCTIC BIOLOGICAL STATION M.V. PANDORA II M.V. SALVELINUS	06/17/75, 07/05/75 07/18/75	Tuktoyaktuk Continental Shelf	Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S secchi depth		
75-0024	FRESHWATER INSTITUTE D.O.E.	03/08/75 03/18/75	Mackenzie River Delta	Water Column: Dissolved Gases Other	Water Column: T, S secchi depth	Fish: fish populations	see 74-0020

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
75-0025	NORTHERN OPERATIONS BRANCH, D.O.E.	05/05/75 05/17/75	Thetis/Phillips/ Trent Bays	Water Column: C-H-N-P Metals N-, P-, Si-based Nutrients Other	Water Column: T, S, C	Fish: fish populations epibenthic invertebrates Benthos: benthic invertebrates	see 74-0021
75-0026A	GLACIOLOGY DIVISION, D.O.E.	05/18/75 06/23/75	Balaena Bay	Water Column: Dissolved Gases Other	Water Column: T, C		see 75-0026
75-0026B	GLACIOLOGY DIVISION, D.O.E.	05/25/75 06/30/75	Balaena Bay	Water Column: Metals N-, P-, Si-based Nutrients Other Ice: Pigments	Water Column: T, C, underwater irradiance	Plankton: numerical abundance species composition Algae: species composition of melt ponds	oceanographic data collected in conjunction with experimental oil spill see 75-0026
76-0003	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	08/14/76 09/07/76	Kugmallit Bay	Water Column: C-H-N-P Dissolved Gases Metals N-, P-, Si-based Nutrients Other Bottom Sediment: Metals	Water Column: turbidity Subtrate: sediment grain size	Plankton and Benthos: species composition numerical abundance Fish: gillnet sampling fish at sfc, mid-depth and near bottom	baseline measurements of ten proposed offshore artificial island sites
76-0004	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	07/17/76 07/20/76, 09/02/76 09/03/76	Tuktoyaktuk Continental Shelf	Water Column: C-H-N-P Dissolved Gases Metals N-, P-, Si-based Nutrients Other Pigments Bottom Sediment: C-H-N-P	Water Column: T, S, C, currents water transparency turbidity Substrate: sediment grain size	Plankton and Benthos: species composition numerical abundance Fish: beach seine sampling rate of primary production	monitoring during dredging for borrow gravel near Tuft Point
76-0005	F.F. SLANEY & CO. LIMITED Imperial Oil Limited	07/28/76 08/31/76, 09/04/76 09/06/76	Tuktoyaktuk Continental Shelf (Amak L-30 artificial island	Water Column: C-H-N-P Dissolved Gases Metals N-, P-, Si-based Nutrients Other Pigments Bottom Sediment: C-H-N-P Metals Other	Water Column: T, S, C turbidity water transparency currents Substrate: sediment grain size	Plankton and Benthos: species composition numerical abundance Fish: gillnet sampling at sfc, mid-depth and near bottom	monitoring of discharge plume and control sites during and following construction of an artificial island; pre-dredging measurement

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
76-0006	F.F. SLANEY & CO. LIMITED ARCTIC SUN Imperial Oil Limited	08/28/76 08/29/76	Tuktoyaktuk Continental Shelf (Netserk F-40 drillsite)	Bottom Sediment: Metals Biota: (benthos) Metals	Substrate: sediment grain size		monitoring following the discharge of dilute drilling wastes during winter 1975-1976
77-0001	FRESHWATER INSTITUTE, D.O.E.	07/04/77 08/11/77	Mackenzie Bay	Water Column: Other	Water Column: T, S	White Whales: distribution abundance	
77-0002	AQUATIC ENVIRONMENTS LIMITED Imperial Oil Limited	07/16/77 08/27/77, 09/02/77	Kugmallit Bay	Water Column: Dissolved Gases Other	Water Column: T, S, C, turbidity	Benthos and Plankton: species composition numerical abundance Fish: gillnet, seine, Taker net and bottom trawl sampling	baseline data in areas of sub-borrow areas
77-0003	INSTITUTE OF OCEAN SCIENCES, OCEAN CHEMISTRY DIVISION M.V. PANDORA II	08/11/77 09/06/77	Amundsen Gulf	Water Column: Dissolved Gases Hydrocarbons Metals N-, P-, Si-based Nutrients Other Bottom Sediment: C-H-N-P Hydrocarbons Isotopic & Isotopic Ratios Metals Biota: (plankton) samples for HC and hydrocarbons collected	Water Column: T, S		baseline data
77-0006	B.C. CANCER RESEARCH CENTRE	01/01/77 12/31/79	Mackenzie River Delta; Intertidal Beaufort Coast	Bottom Sediment: Hydrocarbons			baseline measurements
77-0007	SEAKEM OCEANOGRAPHY LIMITED Dome Petroleum Limited	07/11/77 09/05/77	Tuktoyaktuk Continental Shelf	Water Column: Metals Bottom Sediment: Metals (total and extractable) Biota: (benthos) Metals		Benthos: species composition numerical abundance	baseline measurements at 10 proposed drillsites

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
77-0008	BEAK CONSULTING LIMITED Imperial Oil Limited	07/19/77 07/25/77, 07/27/77 07/31/77, 08/13/77 08/20/77	Mackenzie River Delta; Mackenzie Bay (Isserk F-27; Netserk F-40)	Water Column: Metals Bottom Sediment: Metals Biota: (benthos, fish, beluga whales) Metals		Benthos: species composition numerical abundance	monitoring during construction of Isserk F-27 post-drilling monitoring at Netserk F-40 baseline measurements in river channels
77-0009	ENVIROCON LIMITED IMPERIAL IMMERK Imperial Oil Limited	07/26/77 08/29/77	Tuktoyaktuk Continental Shelf (Isserk F-27)	Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other Pigments Bottom Sediment: C-H-N-P	Water Column: T, S, C, currents secchi depth Substrate: sediment grain size	Plankton and Benthos: species composition numerical abundance Fish: gillnet sampling	monitoring during construction of Isserk F-27
77-0010	SEAKEM OCEANOGRAPHY LIMITED CANMAR SUPPLIER V Dome Petroleum Limited	09/12/77 10/04/77	Tuktoyaktuk Continental Shelf (Tingmiark K-91)	Water Column: Metals N-, P-, Si-based Nutrients Other Sediment (drilling fluid pore water): Metals Bottom Sediment: Metals	Water Column: CTD		monitoring at and near the Tingmiark K-91 gloryhole during a flow of water and gas
78-0002	SEAKEM OCEANOGRAPHY LIMITED CANMAR SUPPLIER V Dome Petroleum Limited	07/15/78 07/19/78	Tuktoyaktuk Continental Shelf (Tingmiark K-91; Kopanoar D-14)	Water Column: Metals N-, P-, Si-based Nutrients Bottom Sediment: Metals (total and extractable) Biota: (benthos) Metals	Water Column: CTD	Plankton and Benthos: species composition numerical abundance	monitoring at Tingmiark K-91 following gas and water flows and at D-14 following gas flow
78-0018	SEAKEM OCEANOGRAPHY LIMITED Dome Petroleum Limited	07/20/78	Tuktoyaktuk Continental Shelf (Tarsiut A-25)	Water Column: Metals N-, P-, Si-based Nutrients Other Bottom Sediment: Metals (total and extractable) Biota: (benthos) Metals	Water Column: CTD	Benthos and Zooplankton: species composition numerical abundance	baseline measurements at a proposed drillsite

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
78-0019	SEAKEM OCEANOGRAPHY LIMITED CANMAR EXPLORER III Dome Petroleum Limited	07/29/78 07/30/78	Tuktoyaktuk Continental Shelf	Water Column: Dissolved Gases Metals N-, P-, Si-based Nutrients Other Bottom Sediment: Metals (total and extractable)	Water Column: CTD		studies during occurrence of shallow water flow
78-0031	DEPARTMENT OF FISHERIES AND OCEANS	06/28/78 09/03/78	Southeastern Beaufort Sea	Sea water: C-H-N-P Other	Water Column: T, C	Fish: anadromous and marine	
79-0005	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	05/21/79 09/19/79	Amundsen Gulf (Summers Harbour)	Water Column: Other Bottom Sediment: Metals Other	Water Column: CTD water transparency		monitoring of coal dust distribution before, during and after spring break-up
79-0006	ARCTIC LABORATORIES LIMITED M.V. PRESSURE RIDGE Dome Petroleum Limited	07/13/79 07/14/79	McKinley Bay Tuktoyaktuk Harbour	Bottom Sediment: C-H-N-P Metals Organochlorines Other	Substrate: sediment grain size		baseline measurements prior to proposed dredging activities
79-0007	ARCTIC LABORATORIES LIMITED CANMAR SUPPLIER V Dome Petroleum Limited	06/22/79	Tuktoyaktuk Continental Shelf (Kilannak A-77)	Water Column: Metals Bottom Sediment: C-H-N-P Metals Biota: (benthos) Metals	Water Column: CTD	Benthos: species composition numerical abundance	baseline measurements
79-0008	ARCTIC LABORATORIES LIMITED CANMAR SUPPLIER V Dome Petroleum Limited	08/31/79 09/04/79	Tuktoyaktuk Continental Shelf (Tingmiark K-91; Ukalerk C-50; Ukalerk 2C-50; Kenalooak J-94)	Bottom Sediment: Metals		Benthos: histopathological logical examination of selected species	monitoring at abandoned drilling sites
79-0009	ARCTIC LABORATORIES LIMITED CANMAR SUPPLIER V Dome Petroleum Limited	09/09/79	Tuktoyaktuk Continental Shelf (Nerlerk M-98)	Water Column: Metals Other	Water Column: CTD water transparency	Plankton: qualitative species information; ^{14}C measurements in drilling fluid discharge plume	monitoring of properties and effects of bulk discharge of waste drilling fluids
79-0010	ARCTIC LABORATORIES LIMITED ZANEN F-15 Dome Petroleum Limited	09/25/79 09/27/79	McKinley Bay	Water Column: Dissolved Gases Other	Water Column: CTD water transparency		oceanographic monitoring during active suction dredging operations

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
79-0037	DEPARTMENT OF FISHERIES AND OCEANS	07/18/79 08/07/79	Southeastern Beaufort Sea	Sea water: Pigments C-H-N-P Other	Water Column: T, C	Fish: anadromous and marine	
80-0003	ARCTIC LABORATORIES LIMITED BEAUFORT SEA EXPLORER; IMPERIAL ADGOZANEN F-15 Dome Petroleum Limited	07/04/80 09/26/80	McKinley Bay	Water Column: Dissolved Gases Other	Water Column: CTD water transparency		monitoring surveys during ongoing and intermittent dredging
80-0004A	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	07/10/80 07/12/80	Tuktoyaktuk Harbour	Water Column: Dissolved Gases Bottom Sediment: C-H-N-P Metals	Water Column: CTD water transparency Substrate: sediment grain size	Benthos: species composition numerical abundance histopathological examination of Cyrtodaria kurriana	measurements prior to proposed dredging activity
80-0004B	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	08/12/80 08/15/80	Tuktoyaktuk Harbour	Water Column: Dissolved Gases	Water Column: CTD water transparency	Benthos: histopathological examination of Cyrtodaria kurriana	measurements prior to proposed dredging activity
80-0004C	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	08/27/80 09/03/80	Tuktoyaktuk Harbour	Water Column: Dissolved Gases Other Bottom Sediment: C-H-N-P Metals Other	Water Column: CTD (includes time series CTD data Aug. 15 - Sept. 25), water transparency Substrate: sediment grain size	Benthos: species composition numerical abundance histopathological examination of Cyrtodaria kurriana	measurements prior to proposed dredging activity
80-0004D	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	09/24/80 09/26/80	Tuktoyaktuk Harbour	Water Column: Dissolved Gases Other	Water Column: CTD water transparency		measurements prior to proposed dredging activity
80-0005	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	07/19/80 08/06/80	McKinley Bay	Dredged Sediment: C-H-N-P Metals Other	Substrate: sediment grain size		monitoring of dredge spoil discharge
80-0006	BEAK CONSULTING LIMITED Esso Resources Canada Limited	08/27/80 09/03/80	Tuktoyaktuk Continental Shelf (Issungnak O-61)	Bottom Sediment: C-H-N-P Metals Other Biota: (benthos) Metals	Substrate: sediment grain size	Benthos: species composition numerical abundance	monitoring following discharge of waste drilling fluids
80-0016	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	04/09/80	McKinley Bay	Water Column: Dissolved Gases	Water Column: T, S, currents	Benthos: species composition numerical abundance	part of experimental under-ice oil spill

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
80-0031	DEPARTMENT OF FISHERIES AND OCEANS Department of Fisheries and Oceans	09/11/80 09/12/80	Tuktoyaktuk Harbour	Sediments: Other	Substrate: particle size	Benthos: identification Fish: identification histopathology	
80-0101A	EBA ENGINEERING CONSULTANTS LIMITED AND ARCTIC LABORATORIES LIMITED CANMAR SUPPLIER VII Dome Petroleum Limited	08/13/80 08/27/80	Tuktoyaktuk Shelf (Kaglulik, Ukalerk, Uviluk)	Sediments: Hydrocarbons Metals C-H-N-P Other Benthos: Metals	Substrate: particle size	Benthos: species composition numerical abundance formalin dry biomass formalin wet biomass identification	
80-0101B	EBA ENGINEERING CONSULTANTS LIMITED AND ARCTIC LABORATORIES LIMITED MARY B. VI Dome Petroleum Limited	09/18/80 09/23/80	Tuktoyaktuk Shelf (Kaglulik, Ukalerk, Uviluk)	Sediments: Hydrocarbons Metals C-H-N-P Other Benthos: Metals	Substrate: particle size	Benthos: species composition numerical abundance formalin dry biomass formalin wet biomass identification	
80-0110	DEPARTMENT OF FISHERIES AND OCEANS	07/03/80 09/10/80	Southeastern Beaufort Sea	Sea water: Pigments C-H-N-P Other		Fish: anadromous and marine	
81-0003A	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED M.V. SEQUEL Esso Resources Canada Limited, Dome Petroleum Limited, and Gulf Canada Resources Incorporated	03/07/81 03/09/81	Tuktoyaktuk Shelf (Issungnak O-61)	Sea water: Metals N-, P-, Si-based Nutrients Dissolved Gases C-H-N-P Other Hydrocarbons	Ice: thickness Water Column: T, C, S		part of a year-long study
81-0003B	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED M.V. SEQUEL Esso Resources Canada Limited, Dome Petroleum Limited, and Gulf Canada Resources Incorporated	05/13/81 05/16/81	Tuktoyaktuk Shelf (Issungnak O-61)	Sea water: Metals N-, P-, Si-based Nutrients Dissolved Gases C-H-N-P Other Sediments: Hydrocarbons Metals C-H-N-P Other Hydrocarbons	Ice: thickness Substrate: particle size Water Column: T, C, S	Plankton: number identification	part of a year-long study

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
81-0003C	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED M.V. SEQUEL Esso Resources Canada Limited, Dome Petroleum Limited, and Gulf Canada Resources Incorporated	07/24/81 07/26/81	Tuktoyaktuk Shelf (Issungnak O-61)	Sea water: Metals Pigments N-, P-, Si-based Nutrients Dissolved Gases C-H-N-P Other Sediments: Metals C-H-N-P Other Hydrocarbons	Ice: thickness Substrate: particle size Water Column: T, C, S	Benthos: identification enumeration Bacteria: Other Plankton: number identification	part of a year-long study
81-0003D	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED M.V. SEQUEL Esso Resources Canada Limited, Dome Petroleum Limited, and Gulf Canada Resources Incorporated	09/25/81 09/28/81	Tuktoyaktuk Shelf (Issungnak O-61)	Sea water: Metals Pigments N-, P-, Si-based Nutrients Dissolved Gases C-H-N-P Other Hydrocarbons	Ice: thickness Water Column: T, C, S		part of a year-long study
81-0004	ESSO RESOURCES CANADA LIMITED	05/01/81 06/30/81	Tuktoyaktuk Continental Shelf	Bottom Sediment: Metals Other			
81-0005	ARCTIC LABORATORIES LIMITED Gulf Canada Resources Incorporated	07/14/81 07/17/81	Balaena Bay	Surface Sediment: (uncontaminated and contaminated samples) Hydrocarbons		Benthos: histopathological analysis of reproductive tract, and digestive tract size distribution level of parasites	assessment of the environmental impact of the 1974/75 experimental oil spills
81-0010	ESSO RESOURCES CANADA LIMITED	07/01/81 08/31/81	Kugmallit Bay	Bottom Sediment: Metals Other			
81-0011	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	08/12/81 08/13/81	McKinley Bay	Bottom Sediment: Metals Other	Substrate: sediment grain size		
81-0012	ARCTIC LABORATORIES LIMITED Dome Petroleum Limited	09/29/81 10/02/81	McKinley Bay	Bottom Sediment: Other	Substrate: sediment grain size		
81-0013	ARCTIC LABORATORIES LIMITED 07/06/81 GNWT	06/18/81	Tuktoyaktuk Harbour	Water Column: Dissolved Gases Other	Water Column: T, S, turbidity		25 hour time series data taken

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
81-0014	ENVIRONMENTAL PROTECTION SERVICE, D.O.E.	08/01/81	McKinley Bay	Bottom Sediment: Other			
81-0015A	ARCTIC LABORATORIES LIMITED Arctic Biological Station	05/16/81 09/26/81	Tuktoyaktuk Continental Shelf	Ice Cores: N-, P-, Si-based Nutrients Other Pigments Water Column: Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: S, submarine irradiance	Epontic Ice Algae: species composition numerical abundance	see 81-0003 A, B, C 25-hour time time series data taken
81-0015B	ARCTIC LABORATORIES LIMITED Arctic Biological Station	04/21/81 05/20/81	McKinley Bay	Ice Cores: N-, P-, Si-based Nutrients Other Pigments Water Column: N-, P-, Si-based Nutrients Other	Water Column: S, submarine irradiance	Epontic Ice Algae: species composition numerical abundance	
81-0018	ARCTIC LABORATORIES LIMITED M.V. SEQUEL Dome Petroleum Limited	09/11/81 09/22/81	Tuktoyaktuk Continental Shelf	Bottom Sediment: C-H-N-P Hydrocarbons Metals Other	Water Column: S	Benthos: species composition numerical abundance	studies related to artificial island construction
82-0093A	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED M.V. SEQUEL Esso Resources Canada Limited, Dome Petroleum Limited, and Gulf Canada Resources Incorporated	02/19/82 02/22/82	Tuktoyaktuk Shelf (Issungnak O-61)	Sea water: Metals Pigments N-, P-, Si-based Nutrients Dissolved Gases Other Hydrocarbons	Ice: thickness Water Column: T, C, S	Benthos: identification enumeration Plankton: number identification	part of a year-long study

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
82-0093B	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED M.V. SEQUEL Esso Resources Canada Limited, Dome Petroleum Limited, and Gulf Canada Resources Incorporated	04/15/82 04/16/82	Tuktoyaktuk Shelf (Issungnak O-61)	Sea water: Metals Pigments N-, P-, Si-based Nutrients Dissolved Gases C-H-N-P Other Hydrocarbons Sediments: Hydrocarbons Metals C-H-N-P Other Suspended Particulates: Metals C-H-N-P	Ice: thickness Substrate: particle size Water Column: T, C, S	Benthos: identification enumeration Plankton: number identification	part of a year-long study
82-0094	ARCTIC LABORATORIES LIMITED M.V. SEQUEL Dome Petroleum Limited	09/03/82 09/05/82	Herschel Island	Sediments: Metals Other			impact assessment
82-0095	ENVIRONMENTAL PROTECTION SERVICE, D.O.E.	08/04/82 08/07/82	King Point, Stokes Point	Sea water: Dissolved Gases Other Sediments: Metals C-H-N-P Other	Water Column: T, S		
82-0097	ARCTIC LABORATORIES LIMITED M.V. SEQUEL Dome Petroleum Limited and Gulf Canada Resources Incorporated	07/21/82 07/31/82	Tuktoyaktuk Shelf (Tarsiut N-44, South Tarsiut Borrow)	Sediments: Hydrocarbons Metals Other	Substrate: particle size Water Column: S	Benthos: enumeration formalin dry biomass formalin wet biomass identification	follow up to 1981 study

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
82-0098	ENVIRONMENTAL PROTECTION SERVICE, D.O.E. M.V. SARPIK Dome Petroleum Limited, Esso Resources Canada Limited, Gulf Canada Resources Incorporated, D.O.E. and D.I.A.N.D.	07/17/82 09/04/82	Kugmallit Bay, Tuktoyaktuk Shelf (Tuktoyaktuk Harbour, Tuft Point, Hutchison Bay, McKinley Bay)	Sediments: Hydrocarbons Metals C-H-N-P Other	Substrate: particle size	Benthos: identification enumeration	
82-0100	ARCTIC LABORATORIES LIMITED GEOPODES IX Gulf Canada Resources Incorporated	08/19/82 08/24/82	Kogyuk Berm Site	Sediments: Metals C-H-N-P Other			
82-0132	ARCTIC LABORATORIES LIMITED M.V. SEQUEL Dome Petroleum Limited	07/17/82 07/21/82	Baillie Island	Sediments: Other			
82-0133	ARCTIC LABORATORIES LIMITED Environmental Protection Service, D.O.E.	06/14/81 08/07/82	Tuktoyaktuk Shelf (Tarsiut N-44, Issungnak O-61, West Atkinson)	Sediments: Hydrocarbons Organochlorines Other	Substrate: particle size		samples were gathered in 1981 and 1982 but all were analysed in 1982
83-0047	ENVIRONMENTAL PROTECTION SERVICE, D.O.E.	08/02/83 08/04/83	Stokes Point	Sea water: Dissolved Gases Other Sediments: Metals C-H-N-P Other	Water Column: T, C, S	Benthos: identification enumeration	
83-0054A	ARCTIC LABORATORIES LIMITED M.V. SEQUEL D.O.E., Dome Petroleum Limited, Esso Resources Canada Limited, D.I.A.N.D.	07/12/83 07/18/83	Tuktoyaktuk Harbour, McKinley Bay	Sediments: Metals C-H-N-P Other	Substrate: particle size		
83-0054B	ARCTIC LABORATORIES LIMITED D.O.E., Dome Petroleum Limited, Esso Resources Canada Limited, D.I.A.N.D.	08/26/83 08/26/83	Hutchison Bay	Sediments: Metals C-H-N-P Other	Substrate: particle size		

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
83-0054C	ARCTIC LABORATORIES LIMITED D.O.E., Dome Petroleum Limited, Esso Resources Canada Limited, D.I.A.N.D.	08/27/83 08/27/83	McKinley Bay	Sediments: Hydrocarbons Metals C-H-N-P Other	Substrate: particle size		
83-0054D	ARCTIC LABORATORIES LIMITED M.V. SEQUEL D.O.E., Dome Petroleum Limited, Esso Resources Canada Limited, D.I.A.N.D.	07/12/83 07/18/83	McKinley Bay, Tuktoyaktuk Harbour	Sediments: Hydrocarbons Metals			
83-0058	INSTITUTE OF OCEAN SCIENCES, D.F.O. Freshwater Institute, D.F.O.	08/21/83 10/09/83	Southern Beaufort Sea	Sea water: Pigments Other	Water Column: T, S, Secchi, Munsell colour		
84-0023	MCMASTER UNIVERSITY	07/01/85 07/31/85	Tuktoyaktuk Harbour, Kugmallit Bay	Benthos: Metals Sediments: Metals	Water Column: T, S		
84-0033	UNIVERSITY OF TORONTO Environmental Protection Service	08/01/84 08/04/84	Tuktoyaktuk Harbour, Mason Bay, Hutchison Bay	Sea water: Metals		Plankton: Bacteria:	
84-0047	ENVIRONMENTAL PROTECTION SERVICE	08/01/84 08/07/84	Stokes Point, King Point	Sea water: Other Sediments: Metals Other	Water Column: T, C, S, colour		
84-0061	ENVIRONMENTAL PROTECTION SERVICE M.V. NEAKOOLIK M.V. SEQUEL D.I.A.N.D.	07/21/84 08/16/84	Tuktoyaktuk Harbour, McKinley Bay, Hutchison Bay,	Benthos: Metals Sediments: Hydrocarbons Metals C-H-N-P Other	Substrate: particle size Water Column: particulate grain size		
85-0045A	SEAKEM OCEANOGRAPHY LIMITED ESRF	08/29/85 09/04/85	Tuktoyaktuk Shelf (Minuk I-53)	Sediments: Hydrocarbons Metals	Substrate: particle size, sedimentation rate Water Column: T, S, current speed, current direction		

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
85-0045B	SEAKEM OCEANOGRAPHY LIMITED ESRF	08/29/85 09/04/85	Tuktoyaktuk Shelf (Kaubvik I-43)	Sediments: Hydrocarbons Metals	Substrate: particle size, sedimentation rate Water Column: T, S, current speed, current direction		
85-0045C	SEAKEM OCEANOGRAPHY LIMITED ESRF	09/29/85 10/11/85	Tuktoyaktuk Shelf (Minuk I-53)	Sediments: Hydrocarbons Metals	Substrate: particle size, sedimentation rate Water Column: T, S, current speed, current direction		
86-0001	ARCTIC LABORATORIES LIMITED, LGL LIMITED AND ENVIRONMENTAL PROTECTION SERVICE C.S.S. J.P. TULLY	08/24/86 08/28/86	Continental Slope, Tuktoyaktuk Shelf, Herschel Canyon	Sediments: Hydrocarbons Metals Other	Substrate: particle size		
86-0003	OCEAN CHEMISTRY, INSTITUTE OF OCEAN SCIENCES ARCTIC IVIK NOGAP	09/10/86 09/15/86	Beaufort Sea	Sea water: Pigments N-, P-, Si-based Nutrients Isotopes and Isotopic Ratios C-H-N-P Other	Water Column: T, C, S		
86-0007	SEAKEM OCEANOGRAPHY LIMITED Environmental Protection, D.O.E.	08/21/86 08/25/86	Tuktoyaktuk Harbour	Fish - Bile: Hydrocarbons Fish - Dorsal muscle: Hydrocarbons Other Fish - Gill: Other Fish - Liver: Hydrocarbons Other Fish - Tissue: Metals Suspended Particulates: Hydrocarbons		Fish: histopathology	
86-0019A	SEAKEM OCEANOGRAPHY LIMITED ESRF	04/18/86 04/27/86	Tuktoyaktuk Shelf (Minuk I-53)	Sediments: Hydrocarbons Metals	Substrate: particle size, sedimentation rate Water Column: T, S, current speed, current direction		

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
86-0019B	SEAKEM OCEANOGRAPHY LIMITED ESRF	09/20/86 09/22/86	Tuktoyaktuk Shelf (Minuk I-53; Kaubvik I-43)	Sediments: Hydrocarbons Metals	Substrate: particle size, sedimentation rate Water Column: T, S, current speed, current direction		
86-0020	LGL LIMITED M.V. ARCTIC IVIK D.I.A.N.D.	08/20/86 09/30/86	Herschel Island, Mackenzie Bay, Tuktoyaktuk Shelf	Benthos: Other	Water Column: T, S, currents, transmissivity, secchi depth	Benthos: identification enumeration	
87-0003	INSTITUTE OF OCEAN SCIENCES C.S.S. J.P. TULLY D.I.A.N.D.	07/31/87 09/09/87	Beaufort Sea, Kugmallit Bay	Sea water: Pigments N-, P-, Si-based Nutrients Dissolved Gases C-H-N-P Other	Water Column: T, S		
87-0004A	SEAKEM OCEANOGRAPHY LIMITED Environmental Protection, D.O.E.	05/16/87 05/17/87	Tuktoyaktuk Harbour	Fish - Bile: Hydrocarbons Fish - Dorsal muscle: Other Fish - Gill: Other Fish - Liver: Other		Fish: histopathology	
87-0004B	SEAKEM OCEANOGRAPHY LIMITED Environmental Protection, D.O.E.	08/22/87 08/25/87	Tuktoyaktuk Harbour	Fish - Bile: Hydrocarbons Fish - Dorsal muscle: Hydrocarbons Other Fish - Gill: Other Fish - Liver: Hydrocarbons Other Fish - Tissue: Metals Sea water: Hydrocarbons Sediments: Hydrocarbons Suspended Particulate: Hydrocarbons		Fish: histopathology	
87-0005A	SEAKEM OCEANOGRAPHY LIMITED ARCTIC NANOOK ESRF	08/01/87 08/04/87	Tuktoyaktuk Shelf (Kaubvik I-43)	Sediments: Hydrocarbons Metals	Substrate: particle size, sedimentation rate Water Column: T, S, current speed, current direction		

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
87-0005B	SEAKEM OCEANOGRAPHY LIMITED ARCTIC NANOOK ESRF	08/01/87 08/04/87	Tuktoyaktuk Shelf (Kaubvik I-43)	Sediments: Hydrocarbons	Substrate: particle size, sedimentation rate Water Column: T, S, current speed, current direction		
OTHER	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	07/14/84 09/09/84	Tuktoyaktuk Beaufort Sea Shelf	Water Column: C-H-N-P Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified
	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	07/21/85 09/12/85	Beaufort Sea Shelf	Water Column: C-H-N-P Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified
	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	03/23/86 09/20/86	Beaufort Sea Shelf	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified
	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	03/19/87 08/27/87	Beaufort Sea Shelf	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified
	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	03/20/88 03/23/88	Beaufort Sea Shelf	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified
	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	07/11/85 09/02/85	Tuktoyaktuk	Water Column: C-H-N-P Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified
	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	03/10/86 09/08/86	Tuktoyaktuk	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified

DATA SET I.D.	COLLECTING AGENCY, SHIP, Sponsor	COLLECTING PERIOD	AREAS	CHEMICAL PARAMETERS MEASURED OR SAMPLED	CONCURRENT PHYSICAL MEASUREMENTS	CONCURRENT BIOLOGICAL MEASUREMENTS	REMARKS
OTHER (cont'd)	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	03/05/87 08/30/87	Tuktoyaktuk	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified
	M.V. SEQUEL C.S.S. J.P. TULLY NOGAP, Freshwater Institute	03/07/88 03/17/88	Tuktoyaktuk	Water Column: C-H-N-P Dissolved Gases N-, P-, Si-based Nutrients Other Pigments	Water Column: T, S	Plankton: plankton hauls	Data are incomplete and have not been verified

8. DATA INVENTORY TABLE 2

NOTES APPLICABLE TO TABLE 2

The following notes are referred to in the remarks column of Table 2.

NOTE 1.

Delta value

The delta value (in parts per thousand) is defined as:

$$\delta Y = \left(\frac{Rx - 1}{R_{ST}}\right) \times 1000$$

where Y $=$ ^{13}C, ^{18}O, ^{34}S, etc.
Rx $=$ isotopic ratio of unknown (e.g. $^{18}O/^{16}O$)
R^{ST} $=$ isotopic ratio of standard

The standard is Chicago PDB for carbon; SMOW (Standard Mean Ocean Water) for oxygen and CDT (Cañon Diablo Troilite) for sulphur.

NOTE 2.

Ratings for dissolved heavy meals and nutrients were downgraded to 0 if values reported for background conditions exceeded the concentrations listed below. These "upper limit values" are based on defendable maximum published values for unpolluted coastal areas.

Element	**Concentration µmol.m-3**
Mn	180
Fe	180
Zn	76
Cr	19
Cu	79
Pb	5
Cd	9
Ni	85
Co	85
Mo	52
Hg	0.1
As	67

Element	**$mmol.m^3$**
Si	70
NO^3-N	30
PO_4-P	3.0

A double rating score (x, 0) indicates that some (unspecified) samples may have a rating of 0 while others are of higher data quality.

NOTE 3.

Silicate determined on samples having salinity values less than 27×10^{-3} that have been stored by freezing are prone to large uncertainties (see Section 5.5.3). In the inventory a value of 0 is assigned to those samples for which the above conditions prevail. A double rating of (0, x) indicates some data with a 0 rating (low salinity, stored by freezing) and others with a rating x.

NOTE 4.

When results are quoted on a WWB and no water content is given, a 4-rating is impossible because of the large variability (perhaps ±50% or more) possible among the samples. Where no water content is given for results when wet weight basis is used, "NOTE 4" is indicated in the remarks column. A maximum rating score of 2 is assigned.

NOTE 5.

Accuracy of delta isotope values. Although no accuracy value is specified for these measurements, they receive a "4" rating rather than a "3" rating. This is because the precision value actually has accuracy built into it (i.e., the value is relative to a defined standard, for example, Standard Mean Ocean Water (SMOW)). Consequently, when a precision value is given, delta-18 oxygen, delta-13 carbon and delta-34 sulphur values are, in fact, intercomparable which is the definitive requirement for the "4" rating.

NOTE 6.

Data in report provided from which precision could be calculated to improve rating.

NOTE 7.

Total PAH = Sum of naphthalene, 2-methyl naphthalene, fluorene, phenathrene, anthracene, fluoranthene, pyrene, benz(a)anthracene, chrysene, naphthacene, benzo(e)pyrene, benzo(a)pyrene, perylene, dibenzo(a,h)anthracene, benzo(g,h,i)perylene, coronene.

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
52-0001	SEA WATER	O_2	$mol.m^{-3}$	128	1219	1219	Fjarlie bottle	NS	macro WT	unspecified level of uncertainty due to lack of standardization of thiosulphate soln		0.103-0.479	0.341	0.335	0	
52-0002	SEA WATER	O_2	$mol.m^{-3}$	21	161	161	bottle cast	NS	NS	NS	NS	0.253-0.446	0.359	0.372	2	
53-0001	SEA WATER	O_2	$mol.m^{-3}$	19	189	189	bottle cast	NS	NS	NS	NS	0.238-0.446	0.322	0.333	2	
54-0002	SEA WATER	O_2	$mol.m^{-3}$	28	183	183	NS	NS	NS	NS	NS	0.251-0.442	0.357	0.358	2	
		PO_4	$mmol.m^{-3}$	13	93	93	NS	NS	NS	NS	NS	0.05-1.40	0.70	0.63	2	
54-0003	SEA WATER	O_2	$mol.m^{-3}$	17	135	135	NS	NS	NS	NS	NS	0.214-0.442	0.358	0.363	2	
		PO_4	$mmol.m^{-3}$	17	128	128	NS	NS	NS	NS	NS	0.31-1.53	0.82	0.78	2	
		Si	$mmol.m^{-3}$	1	8	8	NS	NS	NS	NS	NS	5-16	10	12	2	
69-0001	SEA WATER	O_2	$mol.m^{-3}$	7	81	81	Nansen bottle cast	glass bottles	NS	NS	NS	0.256-0.441	0.319	0.296	2	
		Si	$mmol.m^{-3}$	6	122	122	Nansen bottle cast	PE bottles	NS	NS	NS	1.4-25.6	10.6	9.1	2	
82-0001	SEA WATER	O_2	$mol.m^{-3}$	15	52	52	NS	NS	NS	NS	NS	0.13-0.33	0.25	0.24	2	
83-0001	SEA WATER	O_2	$mol.m^{-3}$	13	105	105	Nansen bottle cast	NS	WT	NS	NS	0.22-0.37	0.29	0.29	2	
89-0002	RIVER WATER (Mackenzie Surface Water)	Li	$mmol.m^{-3}$	1	1	0	1 or 5 gallon PE bottles	+ HNO_3 (to pH 1.7) after at least 3 d	AAS direct aspiration	NS	NS	-	<0.72	-	2	filtered
		Na	$mol.m^{-3}$	1	1	1	1 or 5 gallon PE bottles	NS	flame photometry	NS	NS	-	0.31	-	2	
		K	$mol.m^{-3}$	1	1	1	1 or 5 gallon PE bottles	NS	flame photometry	NS	NS	-	0.17	-	2	
		Mg	$mol.m^{-3}$	1	1	1	1 or 5 gallon PE bottles	NS	calculated from TH and Ca	NS	NS	-	0.32	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
09-0002 (cont'd)		Ca	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	NS	EDTA titration	NS	NS	-	0.90	-	2	
		Sr	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	+ HNO_3 (to pH 1.7) after at least 3 d	AAS direct aspiration	NS	NS	-	2.40	-	2	filtered
		B	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	acidified in field	colorimetry (dianthrimide)	NS	NS	-	1.85	-	2	not filtered
		Mn	mmol.m^{-3}	1	1	0	1 or 5 gallon PE bottles	+ HNO_3 (to pH 1.7) after at least 3 d	AAS direct aspiration	NS	NS	-	<18	-	2	filtered
		Fe	mol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	NS	colorimetry; AuA	NS	NS	-	0.72	-	2	
		Ni	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	+ HNO_3 (to pH 7) after at least 3 d	solvent extraction; AAS	NS	NS	-	31	-	2	filtered
		Cu	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	+ HNO_3 (to pH 7) after at least 3 d	solvent extraction; AAS	NS	NS	-	31	-	2	filtered
		Zn	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	+ HNO_3 (to pH 7) after at least 3 d	solvent extraction; AAS	NS	NS	-	15	-	2	filtered
		U	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	acidified in field	fluorometry	NS	NS	-	2	-	2	not filtered
		Si	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	unfrozen for at least 3 d	colorimetry (molybdenum blue); AuA	NS	NS	-	27	-	0	improper storage
		F	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	NS	fluoride electrode	NS	NS	-	4.7	-	2	
		Cl	mol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	NS	colorimetry; AuA	NS	NS	-	0.21	-	2	
		NO_3	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	NS	colorimetry; AuA	NS	NS	-	4.52	-	2	
		HCO_3	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	NS	calculated from Alk_t and phenol alkalinity	NS	NS	-	1.74	-	2	
		SO_4	mol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	NS	cation exchange; titration with $BaCl_2$	NS	NS	-	0.33	-	2	
		PO_4	mmol.m^{-3}	1	1	0	1 or 5 gallon PE bottles	unfrozen for at least 3 d	colorimetry; AuA	NS	NS	-	<0.105	-	0	ortho, filtered; improper storage

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
69-0002 (cont'd)		PO_4	mmol.m^{-3}	1	1	1	1 or 5 gallon PE bottles	NS	colorimetry; AuA	NS	NS	-	0.105	-	0	total inorganic; filtered; improper storage
		TOC	mol.m^{-3}	1	1	1	NS	NS	CO_2 by IR	NS	NS	-	0.33	-	2	
		pH	pH units	1	1	1	NS	NS	pH meter (in field)	NS	NS	-	7.6	-	2	
		Turbidity	NS	1	1	1	NS	NS	Hach turbidimeter	NS	NS	-	62	-	2	
		SPM	g.m^{-3}	1	1	1	NS	NS	filtration (Whatman GF/C); gravimetry	NS	NS	-	34	-	2	
		Amino Acids	mg.m^{-3}	3	3	3	NS	NS	IEC/hydrolysis; GC	NS	NS	3.5-7.6	5.2	4.4	2	dissolved free (indiv. values also given)
		Amino Acids	mg.m^{-3}	3	3	3	NS	NS	IEC/hydrolysis; GC	NS	NS	39.5-50.1	44.7	44.4	2	dissolved, combined
		Amino Acids	mg.m^{-3}	3	3	3	NS	NS	IEC/hydrolysis; GC	NS	NS	43.0-54.5	49.8	52.0	2	total dissolved
		n-alkanes	mg.m^{-3}	1	1	1	NS	NS	extraction (n-heptane); GC	NS	NS	-	trace	-	2	
		chlorins	µg.m^{-3}	1	1	1	NS	NS	MS extraction (ether); AS/SF	NS	NS	-	8	-	2	
		$\delta^{18}O$		1	1	1	evacuated PE bottles beneath air/water interface	PE bottles	MS analysis of CO_2	NS	NS	-	-18.3	-	2	values rel. to SMOW; see Note 1
		$\delta^{13}C$		1	1	1	evacuated PE bottles beneath air/water interface	PE bottles + $HgCl_2$	MS analysis of CO_2	NS	NS	-	-8.1	-	2	values rel. to Chicago PDB; see Note 1
		$\delta^{34}S$		1	1	1	evacuated PE bottles beneath air/water interface	PE bottles + $HgCl_2$	MS analysis of SO_2	NS	NS	-	-8.1	-	2	values rel. to meteorite troilite; see Note 1
	SUSPENDED PARTICULATES	Amino Acids	mg.m^{-3} (mg.kg^{-1})	3	3	3	NS	NS	IEC/hydrolysis; GC	NS	NS	1020-1460 (1233)	115	1190	2	
	BOTTOM SEDIMENT (Surface Layer)	n-alkanes	mg.kg^{-1}	1	1	1	NS	NS	extraction (acetone/benzene, methanol/hexane); GC	NS	NS	-	6.2	-	2	DWB
70-0003	BOTTOM SEDIMENT (Surface Layer)	B	mmol.kg^{-1}	NS	82	NS	NS	NS	spectrophotometry	NS	NS	-	7.12	-	2	NPG; DWB; results are pooled average

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
70-0003 (cont'd)		Cu	$mmol.kg^{-1}$	NS	82	NS	NS	NS	AAS	NS	NS	-	0.39	-	2	DWB; results are pooled average
		Zn	$mmol.kg^{-1}$	NS	82	NS	NS	NS	AAS	NS	NS	-	1.16	-	2	DWB; results are pooled average
		Ni	$mmol.kg^{-1}$	NS	82	NS	NS	NS	AAS	NS	NS	-	0.58	-	2	DWB; results are pooled average
		Li	$mmol.kg^{-1}$	NS	82	NS	NS	NS	AAS	NS	NS	-	1.87	-	2	DWB; results are pooled average
		Mn	$mmol.kg^{-1}$	NS	82	NS	NS	NS	AAS	NS	NS	-	6.06	-	2	DWB; results are pooled average
70-0008	BOTTOM SEDIMENT (Surface Layer)	TOC	$mol.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	LECO Combustion Methods	NS	NS	0.50-1.10	0.95	NS	2	
		Saturated HC (C_{11}-C_{36})	$mg.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	CC; GC	NS	NS	1.23-9.40	5.10	NS	2	
		Aromatic HC	$mg.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	TLC separation; VS/FS/MS	NS	NS	0.1-1.1	0.75	NS	2	
		Fatty Acids (C_{14}-C_{24})	$mg.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	saponification; GC	NS	NS	15-63	30	NS	2	
		Fatty Acids (C_{25}-C_{34})	$mg.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	saponification; GC	NS	NS	NS	5	NS	2	
		Sterols	$mg.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	CC/TLC; GCMS	NS	NS	NS	5.2	NS	2	
		Chlorins	$mg.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	CC/TLC; GCMS	NS	NS	NS	3.8	NS	2	
		Metal Porphyrin	$mg.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	CC/TLC; VS/FS	NS	NS	0.01-0.05	NS	NS	2	
		Amino Acids	$mg.kg^{-1}$	NS	10	10	grab	4°C during cruise; frozen afterwards	acid hydrolysis/IEC; GC	NS	NS	NS	400	NS	2	
70-0009	BOTTOM SEDIMENT	CO_2	$mmol.kg^{-1}$	50	50	50	Van Veen grab or Dietz La Fond grab	NS	NS	NS	NS	59.1-481.7	204.5	190.9	2	
		$CaCO_3$	$mmol.kg^{-1}$	50	50	50	Van Veen grab or Dietz La Fond grab	NS	NS	NS	NS	18.0-480.5	205.8	189.8	2	
		Org.C	$mol.kg^{-1}$	50	50	50	Van Veen grab or Dietz La Fond grab	NS	NS	NS	NS	0.92-1.75	1.3	1.25	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
71-0004A	SEA WATER	O_2	$mol.m^{-3}$	5	32	32	NS	NS	WT	NS	NS	0.316-0.334	0.324	0.324	2	
		PO_4	$mmol.m^{-3}$	5	32	8	NS	NS	S & P	NS	NS	0.00-0.30	0.02	0.00	2	
		NO_3	$mmol.m^{-3}$	5	32	32	NS	NS	S & P	NS	NS	0.4-0.7	0.55	0.6	2	
		Si	$mmol.m^{-3}$	3	22	22	NS	NS	S & P	NS	NS	3.4-5.1	4.07	3.85	0	Note 5
		chl a	$mg.m^{-3}$	2	9	9	NS	NS	S & P	NS	NS	0.20-0.62	0.42	0.48	2	
		pH	pH units	2	10	10	NS	NS	NS	NS	NS	7.75-7.98	7.90	7.89	2	
71-0004B	SEA WATER	PO_4	$mmol.m^{-3}$	1	6	6	NS	NS	S & P	NS	NS	0.02-0.08	0.05	0.04	2	
		NO_3	$mmol.m^{-3}$	1	6	6	NS	NS	S & P	NS	NS	2.4-2.8	2.6	2.6	2	
		Si	$mmol.m^{-3}$	1	6	6	NS	NS	S & P	NS	NS	2.5-3.7	3.1	3.1	0	Note 3
		chl a	$mg.m^{-3}$	1	6	6	NS	NS	S & P	NS	NS	0.06-0.29	0.13	0.10	2	
		POC	$mg.m^{-3}$	1	6	2	NS	NS	S & P	NS	NS	0-67	13.3	0	2	
71-0005	BIOTA (Polar Bear, *Ursus maritimus*)	PCB	$\mu g.kg^{-1}$	2	4	4	from skulls of hunted animals	years at -20°C	EC-GC	NS	NS	9-33	23	25	2	WWB; Note 4
		PCB	$\mu g.kg^{-1}$	2	4	4	from skulls of hunted animals	years at -20°C	EC-GC	NS	NS	1210-3130	2380	2560	2	lipid weight
		p,p'-DDE	$nmol.kg^{-1}$	2	3	3	from skulls of hunted animals	years at -20°C	EC-GC	NS	NS	3-16	9	9	2	WWB; Note 4
		p,p'-DDE	$nmol.kg^{-1}$	2	3	3	from skulls of hunted animals	years at -20°C	EC-GC	NS	NS	225-1409	786	818	2	lipid weight
		p,p'-DDT	$nmol.kg^{-1}$	2	3	3	from skulls of hunted animals	years at -20°C	EC-GC	NS	NS	3-11	7	-	2	WWB; Note 4
		p,p'-DDT	$nmol.kg^{-1}$	2	2	2	from skulls of hunted animals	years at -20°C	EC-GC	NS	NS	333-1013	674	-	2	lipid weight

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
72-0002	BOTTOM SEDIMENT (Surface Layer)	Org.C	mol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	IR	±20%	NS	0.94-0.97	0.97	0.97	2	DWB
		CO_3	mol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	IR	±11%	NS	0.32-0.68	0.47	0.40	2	DWB
		Fe	mol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±4%	NS	0.51-0.63	0.58	0.60	2	DWB
		Mn	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±4%	NS	3.6-7.3	5.5	3.6	2	DWB
		Ca	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±4%	NS	12.5-27.5	22.5	25.0	2	DWB
		Mg	mol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±4%	NS	0.39-1.81	0.96	0.69	2	DWB
		Na	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±4%	NS	0.50-1.11	0.77	0.69	2	DWB
		K	mol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±4%	NS	0.84-1.27	1.07	1.11	2	DWB
		Rb	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±12%	NS	0.76-1.76	1.28	1.32	2	DWB
		Li	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±12%	NS	5.33-10.37	7.93	7.93	2	DWB
		Zn	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±12%	NS	1.27-2.14	1.59	1.38	2	DWB
		Ni	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±12%	NS	0.85-1.11	0.99	1.02	2	DWB
		Co	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±12%	NS	0.32-0.68	0.48	0.41	2	DWB
		Cu	mmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; FAAS	±12%	NS	0.68-1.10	0.91	0.94	2	DWB
		Rb	µmol.kg^{-1}	3	3	3	short cores (length unspecified)	NS	HF/HNO_3 digestion; fluorometry	±12%	NS	3.1-18.9	9.7	7.3	2	DWB
72-0003	ATMOSPHERE	SPM	µg.m^{-3}	4	6	1	NS	NS	filtration (fiberglass filter)	NS	NS	-	6	-	2	NPG
		Sulphation Index	µmol.m^{-2} d^{-1}	7	15	10	sulphation	NS	NS	NS	NS	<1.75-107.4	15.5	2.62	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
72-0003 (cont'd)		Dustfall	$tonne.km^{-2}$ $month^{-1}$	5	12	12	NS	NS	filtration (fiberglass paper; ASTM D1739-70)	NS	NS	0.016-10.16	1.78	0.23	2	insoluble solids
		Ozone	$nmol.m^{-3}$	3	16	16	1 mm impingers in absorbing solution	NS	alkaline KI method (ASTM D1609-60)	NS	NS	<13.4-759	2.61	228	2	
		NO_2	$nmol.m^{-3}$	3	16	4	1 mm impingers in absorbing solution	NS	alkyl thiazo dye method	NS	NS	<26.8-223	44.6	-	2	
		SO_2	$nmol.m^{-3}$	3	11	1	1 mm impingers in absorbing solution	NS	chloromercury method (ASTM D2914-70T)	NS	NS	<26.8-223	44.6	-	2	
		H_2S	$nmol.m^{-3}$	3	13	7	1 mm impingers in absorbing solution	NS	methylene blue method	NS	NS	<13.4-446	2.19	40.2	2	methane and non-methane HC
		HC as methane	$nmol.m^{-3}$	5	11	7	pre-purged Mylar and Teflon bags	at 34°F until analysed	GC (FID) (ASTM D2820-69T)	NS	NS	<d.l.-108	79.7	58.0	2	
	SEA WATER	TOC	$mol.m^{-3}$	4	7	7	NS	NS	IR analyzer; (APHA-138)	NS	NS	0.583-0.917	0.725	0.667	2	
		HC	$g.m^{-3}$	4	7	2	NS	NS	ether extraction; gravimetry (APHA-137)	NS	NS	d.l.-2.0	1.7	-	2	
		SO_4	$mol.m^{-3}$	4	7	7	NS	NS	precipitation as $BaSO_4$; gravimetry (APHA 122B)	NS	NS	0.342-20.20	3.45	0.385	2	
		TH as $CaCO_3$	$mol.m^{-3}$	4	7	7	NS	NS	EDTA titration; (APHA 122B)	NS	NS	1.20-43.96	7.41	1.30	2	
		Ca as $CaCO_3$	$mol.m^{-3}$	4	7	7	NS	NS	EDTA titration; (APHA 122B)	NS	NS	0.819-1.09	1.77	0.919	2	
		Mg as $CaCO_3$	$mol.m^{-3}$	4	7	7	NS	NS	calculated from Ca, TH	NS	NS	0.350-36.97	5.66	0.370	2	
		Alk_t as $CaCO_3$	$mol.m^{-3}$	4	7	7	NS	NS	APHA 102	NS	NS	0.14-1.12	1.01	0.99	2	
		pH	pH units	4	7	7	NS	NS	pH meter (APHA 144A)	NS	NS	8.0-8.3	8.1	8.1	2	
		Turbidity	$g.m^{-3}$	4	7	7	NS	NS	Jackson candle turbidimeter (APHA 114A)	NS	NS	65.0-490.0	153.1	92.0	2	
		Cl	$mol.m^{-3}$	4	7	7	NS	NS	titration with $AgNO_3$ (APHA 114)	NS	NS	0.197-366.7	57.7	0.197	2	
	SOIL	Hg	$\mu mol.kg^{-1}$	2	12		NS	NS	acid digestion; CVAAS	NS	NS	0.100-0.299	0.199	0.249	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
72-0003 (cont'd)		Pb	mmol.kg^{-1}	2	12	12	NS	NS	AAS	NS	NS	0.087-0.110	0.101	0.104	2	
		S	mmol.kg^{-1}	2	12	12	NS	NS	oxidized; precipitated as $BaSO_4$	NS	NS	31.2-46.8	37.4	34.3	2	
		Cu	mmol.kg^{-1}	2	12	12	NS	NS	AAS	NS	NS	0.315-0.433	0.387	0.387	2	
		Cd	µmol.kg^{-1}	2	12	12	NS	NS	AAS	NS	NS	8.90-13.34	11.56	11.56	2	
	BIOTA (Plant Tissue)	Hg	µmol.kg^{-1}	2	12	12	NS	NS	acid digestion; CVAAS	NS	NS	0.050-0.150	0.062	0.050	2	
		Pb	mmol.kg^{-1}	2	12	12	NS	NS	AAS	NS	NS	0.014-0.043	0.023	0.020	2	
		Cd	µmol.kg^{-1}	2	12	12	NS	NS	AAS	NS	NS	4.45-9.90	6.60	7.12	2	
		Cu	mmol.kg^{-1}	2	12	12	NS	NS	AAS	NS	NS	0.107-0.138	0.201	0.118	2	
		S	mmol.kg^{-1}	2		12	NS	NS	oxidized; precipitated as $BaSO_4$	NS	NS	34.3-59.3	49.1	51.5	2	
	BIOTA (Bird and Small Mammal Tissue)	Cu	mmol.kg^{-1}	12	36	36	NS	NS	AAS	NS	NS	0.055-0.164	0.100	0.095	2	
		Cd	µmol.kg^{-1}	12	36	36	NS	NS	AAS	NS	NS	0.89-3.56	2.13	1.78	2	
		Pb	µmol.kg^{-1}	12	36	36	NS	NS	AAS	NS	NS	0.193-13.65	6.84	4.58	2	
		Hg	µmol.kg^{-1}	12	36	35	NS	NS	acid digestion; CVAAS	NS	NS	0.499-17.45	3.33	2.49	2	
	BIOTA (Fish)	Cu	mmol.kg^{-1}	2	8	8	NS	NS	AAS	NS	NS	0.008-0.020	0.013	0.012	2	
		Cd	µmol.kg^{-1}	2	8	8	NS	NS	AAS	NS	NS	0.18-0.71	0.41	0.41	2	
		Pb	mmol.kg^{-1}	2	8	8	NS	NS	AAS	NS	NS	0.98-16.41	6.27	4.34	2	
		Hg	µmol.kg^{-1}	2	8	8	NS	NS	CVAAS	NS	NS	0.50-3.99	1.08	0.50	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
72-0004A	SEA WATER	O_2	$mol.m^{-3}$	1	6	6	NS	NS	modified WT	NS	NS	0.35-0.37	0.36	0.36	2	
		PO_4	$mmol.m^{-3}$	1	7	7	NS	NS	S & P	NS	NS	0.12-0.16	0.14	0.14	2	
		NO_3	$mmol.m^{-3}$	1	7	7	NS	NS	S & P	NS	NS	4.5-4.9	4.7	4.8	2	
		Si	$mmol.m^{-3}$	1	7	7	NS	NS	S & P	NS	NS	4.2-6.1	4.8	4.5	0	Note 3
		chl _a_	$mg.m^{-3}$	1	7	7	NS	NS	S & P	NS	NS	0.04-1.86	0.54	0.29	2	
		POC	$mg.m^{-3}$	1	6	3	NS	NS	S & P	NS	NS	0-46	10.2	2	2	
	ICE CORE	PO_4	$mmol.m^{-3}$	1	2	2	NS	NS	S & P	NS	NS	0.29-0.39	0.34	0.34	2	
		NO_3	$mmol.m^{-3}$	1	2	2	NS	NS	S & P	NS	NS	0.9-1.1	1.0	1.0	2	
		Si	$mmol.m^{-3}$	1	1	1	NS	NS	S & P	NS	NS	-	0.9	-	0	Note 3
		chl _a_	$mg.m^{-3}$	1	1	1	NS	NS	S & P	NS	NS	-	3.14	-	2	
		POC	$mg.m^{-3}$	1	1	1	NS	NS	S & P	NS	NS	-	110	-	2	
72-0004B	SEA WATER	O_2	$mol.m^{-3}$	13	160	160	NS	NS	modified WT	NS	NS	0.21-0.48	0.35	0.35	2	
		PO_4	$mmol.m^{-3}$	13	147	79	NS	NS	S & P	NS	NS	0.00-1.13	0.04	0.04	2	
		NO_2	$mmol.m^{-3}$	13	133	74	NS	NS	S & P	NS	NS	0.00-0.17	0.03	0.03	2	
		NO_3	$mmol.m^{-3}$	13	156	137	NS	NS	S & P	NS	NS	0.00-11.5	1.14	1.14	2	
		Si	$mmol.m^{-3}$	13	147	147	NS	NS	S & P	NS	NS	1.38-48.00	5.36	5.36	2	
		chl _a_	$mg.m^{-3}$	13	154	154	NS	NS	S & P	NS	NS	0.11-3.79	1.29	1.29	2	
		POC	$mg.m^{-3}$	13	152	126	NS	NS	S & P	NS	NS	0-86	19.9	19.9	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
72-0004B (cont'd)		pH	pH units	13	32	32	NS	NS	NS	NS	NS	7.50-8.10	7.84	7.80	2	
	ICE CORE	PO_4	mmol.m^{-3}	1	5	5	NS	NS	S & P	NS	NS	0.08-1.92	0.60	0.32	2	
		NO_3	mmol.m^{-3}	1	6	6	NS	NS	S & P	NS	NS	0.2-3.0	0.83	0.45	2	
		Si	mmol.m^{-3}	1	6	6	NS	NS	S & P	NS	NS	1.0-3.5	2.4	2.6	2	
		chl a	mg.m^{-3}	1	6	5	NS	NS	S & P	NS	NS	0.00-5.95	2.62	2.38	2	
72-0004C	SEA WATER	PO_4	mmol.m^{-3}	1	7	3	NS	NS	S & P	NS	NS	0.00-0.08	0.02	0.00	2	
		NO_2	mmol.m^{-3}	1	7	7	NS	NS	S & P	NS	NS	0.09-0.17	0.11	0.10	2	
		NO_3	mmol.m^{-3}	1	7	7	NS	NS	S & P	NS	NS	2.6-2.7	2.61	2.6	2	
		Si	mmol.m^{-3}	1	7	7	NS	NS	S & P	NS	NS	1.61-2.58	2.16	2.26	2	
		chl a	mg.m^{-3}	1	6	6	NS	NS	S & P	NS	NS	0.13-2.58	0.19	0.18	2	
		POC	mg.m^{-3}	1	7	7	NS	NS	S & P	NS	NS	37-72	52	51	2	
		pH	pH units	1	4	4	NS	NS	NS	NS	NS	7.6-7.0	7.68	7.70	2	
	ICE CORE	PO_4	mmol.m^{-3}	1	2	2	NS	NS	S & P	NS	NS	0.17-0.19	0.18	0.18	2	
		NO_2	mmol.m^{-3}	1	2	1	NS	NS	S & P	NS	NS	0.00-0.30	0.15	0.15	2	
		NO_3	mmol.m^{-3}	1	2	2	NS	NS	S & P	NS	NS	0.3-0.7	0.5	0.5	2	
		Si	mmol.m^{-3}	1	2	2	NS	NS	S & P	NS	NS	0.1-0.3	0.2	0.2	0	Note 3
		chl a	mg.m^{-3}	1	2	2	NS	NS	S & P	NS	NS	0.00-1.18	0.59	0.59	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
72-0004C (cont'd)		POC	mg.m^{-3}	1	2	2	NS	NS	S & P	NS	NS	48-119	84	84	2	
72-0005	BIOTA (Beluga whale tissue)	p,p'-DDE	µmol.kg^{-1}	2	7	7	native hunting camps	some in 10% formalin; some on ice then frozen	florisil column clean up; GLC	±37%	NS	1.76-4.18	2.63	2.30	2	Note 4; WWB; results for liver, muscle and blubber tissue on pooled samples
		p,p'-DDD	µmol.kg^{-1}	2	7	7	native hunting camps	some in 10% formalin; some on ice then frozen	florisil column clean up; GLC	±38%	NS	-	trace	-	2	
		p,p'-DDT	µmol.kg^{-1}	2	7	7	native hunting camps	some in 10% formalin; some on ice then frozen	florisil column clean up; GLC	±47%	NS	0.59-3.58	1.88	1.69	2	
		o,p'-DDT	µmol.kg^{-1}	2	7	7	native hunting camps	some in 10% formalin; some on ice then frozen	florisil column clean up; GLC	±35%	NS	2.34-3.58	2.96	-	2	
72-0006	RIVER WATER	O_2	mol.m^{-3}	18	34	34	NS	NS	Hach kit Model AL-36B	NS	NS	0.281-0.375	0.316	0.313	2	
		pH	pH units	18	34	34	NS	NS	Hach kit Model AL-36B	NS	NS	7.5-9	8.0	8	2	
		Alk as $CaCO_3$	mol.m^{-3}	18	34	34	NS	NS	Hach kit Model AL-36B	NS	NS	0.06-0.26	0.14	0.14	2	
		TH as $CaCO_3$	mol.m^{-3}	18	34	34	NS	NS	Hach kit Model AL-36B	NS	NS	0.06-0.15	0.13	0.14	2	
72-0007	SEA WATER	O_2	mol.m^{-3}	33	68	68	NS	NS	Hach kit Model AL-36B	NS	NS	0.250-0.406	0.313	0.313	2	SFC samples only
		CO_2	mol.m^{-3}	33	39	39	NS	NS	Hach kit Model AL-36B	NS	NS	0.114-0.341	0.206	0.227	2	SFC samples only
		pH	pH units	33	70	70	NS	NS	Hach kit Model AL-36B	NS	NS	8.0-8.5	8.3	8.6	2	SFC samples only
		HCO_3	(eq.m^{-3})	33	68	68	NS	NS	Hach kit Model AL-36B	NS	NS	0.855-1.369	1.12	1.12	2	SFC samples only
		TH as $CaCO_3$	g.m^{-3}	33	53	53	NS	NS	Hach kit Model AL-36B	NS	NS	103-599	154	137	2	SFC samples only
		SPM as SiO_2	g.m^{-3}	13	39	39	Van Dorn bottles	NS	Hellige turbidimeter	NS	NS	18-<110	60.5	60	2	4 samples exceeded max. reading

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
72-0008	BIOTA	PCB	$mg.kg^{-1}$	1	12	12	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.003-1.93	0.42	0.082	2	WWB; Note 4
		PCB	$mg.kg^{-1}$	1	12	12	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.079-2.18	0.86	0.576	2	lipid weight
		p,p'-DDE	$\mu mol.kg^{-1}$	1	12	12	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.009-1.65	0.82	0.24	2	WWB; Note 4
		p,p'-DDE	$\mu mol.kg^{-1}$	1	12	12	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.409-2.30	1.45	1.03	2	lipid weight
		p,p'-DDT	$\mu mol.kg^{-1}$	1	12	12	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.003-1.70	0.82	0.17	2	WWB; Note 4
		p,p'-DDT	$\mu mol.kg^{-1}$	1	12	12	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.110-1.92	1.25	0.85	2	lipid weight
		o,p'-DDT	$\mu mol.kg^{-1}$	1	12	6	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.003-0.468	0.133	0.079	2	WWB; Note 4
		o,p'-DDT	$\mu mol.kg^{-1}$	1	12	6	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.144-0.519	0.262	0.175	2	lipid weight
		p,p'-DDD	$\mu mol.kg^{-1}$	1	12	7	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.003-0.297	0.066	0.016	2	WWB; Note 4
		p,p'-DDD	$\mu mol.kg^{-1}$	1	12	7	animals hunted and killed by man and polar bear	wrapped in Al foil, frozen and stored at -20°C	EC-GC (exact details well documented)	NS	NS	0.113-0.863	0.353	0.303	2	lipid weight
72-0014	BIOTA (Ringed Seal)	Hg	$\mu mol.kg^{-1}$	NS	80	80	hunted	frozen	NS	NS	NS	NS	70.40	NS	2	WWB; Note 4; NPG
		Me-Hg	$\mu mol.kg^{-1}$	NS	46	46		frozen	NS	NS	NS	NS	4.69	NS	2	WWB; Note 4; NPG
	(Bearded Seal)	Hg	$\mu mol.kg^{-1}$	NS	9	9	hunted	frozen	NS	NS	NS	NS	4.77	NS	2	WWB; Note 4; NPG
		Me-Hg	$\mu mol.kg^{-1}$	NS	6	6		frozen	NS	NS	NS	NS	1.50	NS	2	WWB; Note 4; NPG
	(Arctic char)	Hg	$\mu mol.kg^{-1}$	NS	12	12	NS	frozen	NS	NS	NS	NS	0.24	NS	2	WWB; Note 4; NPG

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
72-0019	BIOTA (Seals)	Hg	μmol.kg^{-1}	4	313	313	NS	frozen	NS	NS	NS	1.15-713.57	96.91	59.38		WWB; Note 4; NPG
		Me-Hg	μmol.kg^{-1}	3	61	61	NS	frozen	NS	NS	NS	1.19-4.45	4.04	4.13		WWB; Note 4
		Se	mmol.kg^{-1}	3	160	160	NS	frozen	NS	NS	NS	0.19-0.44	0.20	0.19		WWB; Note 4; pooled data from samples take in 1972, 1973 and 1977
73-0001	SEA WATER	pH	pH units	7	7	7	NS	NS	Hach kit Model AL-36B	NS	NS	7.8-8.3	8.0	8.1	2	
		HCO_3	mol.m^{-3}	7	7	7	NS	NS	Hach kit Model AL-36B	NS	NS	1.72-1.97	1.80	1.79	2	
		CO_3	mmol.m^{-3}	7	7	1	NS	NS	Hach kit Model AL-36B	NS	NS	-	33	-	2	
		Ca	mol.m^{-3}	7	7	7	NS	NS	NS	NS	NS	0.83-1.03	0.90	0.85	2	
		Mg	mol.m^{-3}	7	7	7	NS	NS	NS	NS	NS	0.41-1.65	0.62	0.41	2	
		O_2	mol.m^{-3}	3	3	3	NS	NS	Hach kit Model AL-36B	NS	NS	0.406-0.500	0.438	0.438	2	
73-0002	SEA WATER	O_2	mol.m^{-3}	17	67	67	NS	NS	WT	NS	NS	0.299-0.473	0.366	0.362	2	
		PO_4	mmol.m^{-3}	17	63	59	NS	NS	S & P	NS	NS	0.00-1.49	0.50	0.42	2	
		NO_2	mmol.m^{-3}	17	68	17	NS	NS	S & P	NS	NS	0.00-0.14	0.02	0.00	2	
		Si	mmol.m^{-3}	17	66	66	NS	NS	S & P	NS	NS	2.8-38.9	19.4	19.2	2,0	Note 3
		chl a	mg.m^{-3}	17	58	56	NS	NS	S & P	NS	NS	0.00-3.24	1.28	1.40	2	
		POC	mg.m^{-3}	17	42	42	NS	NS	S & P	NS	NS	82-514	201	182	2	
73-0003A	SEA WATER	O_2	mol.m^{-3}	2	23	23	NS	NS	modified WT	NS	NS	0.26-0.41	0.33	0.35	2	
		PO_4	mmol.m^{-3}	1	7	6	NS	NS	S & P	NS	NS	0.00-0.13	0.07	0.09	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
73-0003A (cont'd)		NO_2	$mmol.m^{-3}$	1	7	2	NS	NS	S & P	NS	NS	0.00-0.04	0.007	0.00	2	
		NO_3	$mmol.m^{-3}$	3	23	23	NS	NS	S & P	NS	NS	1.2-5.5	4.0	4.3	2	
		Si	$mmol.m^{-3}$	3	23	23	NS	NS	S & P	NS	NS	2.1-12.2	7.6	7.9	2,0	Note 3
		chl a	$mg.m^{-3}$	3	23	17	NS	NS	S & P	NS	NS	0.00-0.81	0.22	0.12	2	
		POC	$mg.m^{-3}$	3	23	5	NS	NS	S & P	NS	NS	0-10	0.9	0	2	
		pH	pH units	3	17	17	NS	NS	NS	NS	NS	7.70-8.05	7.84	7.8	2	
	ICE CORE	PO_4	$mmol.m^{-3}$	1	6	5	NS	NS	S & P	NS	NS	0.00-1.04	0.29	0.18	2	
		NO_2	$mmol.m^{-3}$	1	5	4	NS	NS	S & P	NS	NS	0.00-0.05	0.03	0.02	2	
		NO_3	$mmol.m^{-3}$	2	11	11	NS	NS	S & P	NS	NS	0.2-1.9	0.7	0.5	2	
		Si	$mmol.m^{-3}$	2	11	11	NS	NS	S & P	NS	NS	0.0-7.4	1.6	1.1	0	Note 3
		chl a	$mg.m^{-3}$	2	11	11	NS	NS	S & P	NS	NS	0.23-57.02	5.78	0.60	2	
		POC	$mg.m^{-3}$	2	11	11	NS	NS	S & P	NS	NS	21-169	92	95	2	
73-0003B	SEA WATER	O_2	$mol.m^{-3}$	15	97	97	NS	NS	WT	NS	NS	0.236-0.518	0.384	0.383	2	
		PO_4	$mmol.m^{-3}$	18	154	67	NS	NS	S & P	NS	NS	0.00-0.17	0.02	0.01	2	
		NO_2	$mmol.m^{-3}$	18	131	128	NS	NS	S & P	NS	NS	0.00-0.13	0.05	0.06	2	
		NO_3	$mmol.m^{-3}$	18	139	138	NS	NS	S & P	NS	NS	0.0-7.4	1.5	0.6	2	
		Si	$mmol.m^{-3}$	18	135	135	NS	NS	S & P	NS	NS	1.0-21.6	6.2	4.1	2,0	Note 3

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
73-0003B (cont'd)		chl a	mg.m^{-3}	18	134	134	NS	NS	S & P	NS	NS	0.00-2.32	0.82	0.62	2	
		POC	mg.m^{-3}	12	86	75	NS	NS	S & P	NS	NS	0-106	24	24	2	
		pH	pH units	18	56	56	NS	NS	NS	NS	NS	7.55-8.40	7.87	7.81	2	
73-0003D	SEA WATER	O_2	mol.m^{-3}	2	16	16	NS	NS	YSI oxygen analyzer	NS	NS	0.279-0.333	0.326	0.329	2	
		PO_4	mmol.m^{-3}	2	16	2	NS	NS	S & P	NS	NS	0.00-0.06	0.005	0.00	2	
		NO_2	mmol.m^{-3}	2	16	14	NS	NS	S & P	NS	NS	0.00-0.10	0.03	0.03	2	
		NO_3	mmol.m^{-3}	2	16	16	NS	NS	S & P	NS	NS	0.6-5.7	1.4	1.0	2	
		Si	mmol.m^{-3}	2	16	16	NS	NS	S & P	NS	NS	5.7-19.5	9.4	8.0	2	Note 3
		chl a	mg.m^{-3}	2	16	15	NS	NS	S & P	NS	NS	0.00-0.93	0.48	0.46	2	
		POC	mg.m^{-3}	2	15	15	NS	NS	S & P	NS	NS	12-174	42	27	2	
		pH	pH units	2	15	15	NS	NS	NS	NS	NS	7.60-8.10	7.83	7.79	2	
74-0001	SEA WATER	Si	mmol.m^{-3}	11	10	10	Kemmerer bottle	NS	NS	NS	NS	10.7-37.4	24.8	27.1	2	
		PO_4	mmol.m^{-3}	11	10	0	Kemmerer bottle	NS	NS	NS	NS	-	<3.2	-	0	Note 2
		NO_3	mmol.m^{-3}	11	10	2	Kemmerer bottle	NS	NS	NS	NS	<7.1-7.9	7.26	<7.1	2	
		pH	pH units	11	7	7	Kemmerer bottle	NS	Hach kit Model AL-36B	NS	NS	7.50-8.25	8.06	8.20	2	
		HCO_3	mol.m^{-3}	11	7	7	Kemmerer bottle	NS	Hach kit Model AL-36B	NS	NS	3.59-2.59	2.51	2.13	2	
		CO_3	mmol.m^{-3}	11	7	4	Kemmerer bottle	NS	Hach kit Model AL-36B	NS	NS	0-41.7	13.3	16.7	2	
		Ca	mol.m^{-3}	11	7	7	Kemmerer bottle	NS	NS	NS	NS	0.90-7.36	2.61	1.15	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0001 (cont'd)		Mg	$mol.m^{-3}$	11	7	7	Kemmerer bottle	NS	NS	NS	NS	0.44-41.14	11.97	1.59	2	
		Hardness	ppm	11	7	7	Kemmerer bottle	NS	calculated	NS	NS	134-4897	1461	280	2	
		SPM	$g.m^{-3}$	20	7	7	Kemmerer bottle	NS	NS	NS	NS	6-104	36.9	20	2	
		O_2	$mol.m^{-3}$	20	29	7	Kemmerer bottle	NS	YSI DO meter	NS	NS	0.413->0.469	0.459	>0.469	2	
		Turbidity as SiO_2	$g.m^{-3}$	20	7	7	Kemmerer bottle	NS	NS	NS	NS	3.3-22.0	8.1	6.7	2	
	BOTTOM SEDIMENT	TKN	$g.kg^{-1}$	18	18	18	Ekman dredge	NS	NS	NS	NS	0.17-1.68	1.24	1.35	2	
		TC	$g.kg^{-1}$	18	18	18	Ekman dredge	NS	NS	NS	NS	5.8-35.3	25.4	26.3	2	
74-0003	SEA WATER	O_2	$mol.m^{-3}$	53	181	181	1 L PVC bottles	NS	Hach kit Model AL-36B	NS	NS	0.156-0.406	0.300	0.309	0	approx. values only
		pH	pH units	53	154	154	NS	NS	Hach kit Model AL-36B	NS	NS	7.5-9.0	8.5	8.5	0	approx. values only
		Alk as $CaCO_3$	$mol.m^{-3}$	53	134	134	NS	NS	Hach kit Model AL-36B	NS	NS	0.086-1.88	1.21	1.20	0	approx. values only
		Hardness as $CaCO_3$	$mol.m^{-3}$	53	135	135	NS	NS	Hach kit Model AL-36B	NS	NS	1.20-<10.27	1.37	2.16	0	approx. values only
		Settleable Solids	$L.m^{-3}$	24	43	43	1 L PVC bottles	NS	Imhoff Core	NS	NS	0-2.50	0.145	0.10	2	
		Turbidity as SiO_2	$g.m^{-3}$	51	191	191	1 L PVC bottles	NS	Hellige Model 7000 turbidity meter	NS	NS	5-750	249.5	159	2	
		Si	$mmol.m^{-3}$	24	43	43	1 L PVC bottles	frozen unfiltered	filtration (0.45 μm) prior to analysis; APHA method	NS	NS	15.6-35.8	26.7	26.5	2	
		NO_3	$mmol.m^{-3}$	24	43	36	1 L PVC bottles	frozen unfiltered	filtration (0.45 μm) prior to analysis; APHA method	NS	NS	<7.1-72.2	19.9	15.1	2	
		PO_4	$mmol.m^{-3}$	24	43	24	1 L PVC bottles	frozen unfiltered	filtration (0.45 μm) prior to analysis; APHA method	NS	NS	<1.05-2.11	1.44	1.57	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0003 (cont'd)		Ca	mol.m^{-3}	24	43	43	1 L PVC bottles	frozen unfiltered	filtration (0.45 µm) prior to analysis; APHA method	NS	NS	0.52-1.65	0.76	0.70	2	
		Mg	mol.m^{-3}	24	43	43	1 L PVC bottles	frozen unfiltered	filtration (0.45 µm) prior to analysis; FAAS	NS	NS	0.31-6.81	1.00	0.32	2	
		Cr	µmol.m^{-3}	24	43	0	1 L PVC bottles	acidified with HNO_3; frozen	AAS	NS	NS	-	<57.7		0	Note 2
		Pb	µmol.m^{-3}	24	43	36	1 L PVC bottles	acidified with HNO_3; frozen	AAS	NS	NS	<4.8-24.1	4.8	9.1	0	Note 2
		Cd	µmol.m^{-3}	24	43	15	1 L PVC bottles	acidified with HNO_3; frozen	AAS	NS	NS	<8.9-14.2	8.9	8.9	0	Note 2
		Ni	µmol.m^{-3}	24	43	31	1 L PVC bottles	acidified with HNO_3; frozen	AAS	NS	NS	<17.0-153.3	34.0	39.1	0	Note 2
		SPM	g.m^{-3}	24	43	43	1 L PVC bottles	frozen unfiltered	filtration (0.45 µm); gravimetry	NS	NS	19.8-966.3	250.5	162.8	2	
		chl a	mg.m^{-3}	15	18	14	1 L PVC bottles	NS	S & P	NS	NS	0.068-1.050	0.549	0.776	2	
74-0007A	SEA WATER	O_2	mol.m^{-3}	24	102	102	NS	NS	WT	NS	NS	0.268-0.482	0.379	0.394	2	
		NO_3	mmol.m^{-3}	24	182	170	NS	NS	S & P	NS	NS	0.0-15.6	3.2	2.4	2	
		NO_2	mmol.m^{-3}	24	181	155	NS	NS	S & P	NS	NS	0.00-0.22	0.05	0.05	2	
		Si	mmol.m^{-3}	24	182	182	NS	NS	S & P	NS	NS	0.1-44.4	16.7	14.3	2,0	Note 1
		PO_4	mmol.m^{-3}	24	182	132N	NS	NS	S & P	NS	NS	0.00-3.67	0.47	0.66	2	
		chl a	mg.m^{-3}	24	108	97	NS	NS	S & P	NS	NS	0.00-3.67	0.50	0.18	2	
		POC	mg.m^{-3}	24	32	32	NS	NS	S & P	NS	NS	3-85	37	35	2	
74-0007B	SEA WATER	PO_4	mmol.m^{-3}	1	2	1	NS	NS	S & P	NS	NS	0.00-0.008	0.04	0.04	2	
		NO_3	mmol.m^{-3}	1	2	2	NS	NS	S & P	NS	NS	5.1-7.5	6.3	6.3		

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0007B (cont'd)		Si	mmol.m^{-3}	1	2	2	NS	NS	S & P	NS	NS	45.9-58.2	52.0	52.0		
74-0008	SEA WATER	O_2	mol.m^{-3}	24	264	264	Niskin PVC sampler	Winkler flask + $MnCl_2$ + NaI	micro WT on board ship within 1 d of collection	±0.0002	±0.0005	0.268-0.482	0.366	0.379	4	
		CH_4	µmol.m^{-3}	19	32	32	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<2.85%	ca±2.82%	3.21-27.54	10.36	7.66	4	
		C_2H_4	nmol.m^{-3}	19	33	33	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<4.2%	ca±4.2%	6.2-85.7	35.2	31.3	4	
		C_3H_8	nmol.m^{-3}	19	33	33	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<6.8%	ca±6.8%	0.89-41.07	7.81	6.47	4	
		C_3H_6	nmol.m^{-3}	19	33	33	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<4.7%	ca±4.7%	4.02-70.98	26.34	24.33	4	
		nC_4H_{10}	nmol.m^{-3}	19	32	32	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<34%	ca±34%	0.54-11.33	2.02	1.56	2	
		PO_4	mmol.m^{-3}	24	285	273	Niskin PVC sampler	frozen in glass vials	Technicon Method 186-72W; AuA	±0.3%	±5%	0.00-1.85	0.86	0.95	4	
		NO_3	mmol.m^{-3}	24	287	280	Niskin PVC sampler	frozen in glass vials	Technicon Method 186-72W; AuA	±0.4%	±4%	0.0-16.0	4.76	4.0	4	
		Si	mmol.m^{-3}	24	178	178	Niskin PVC sampler	frozen in glass vials	Technicon Method 186-72W; AuA	±0.3%	±5%	3-39	17.5	16.0	4,0	Note 3
		Alk_t	meq.kg^{-1}	NS	8	8	Niskin PVC sampler	glass bottles + $HgCl_2$	NS	NS	NS	2.242-4.296	2.271	2.278	2	
		CO_2	mmol.kg^{-1}	NS	8	8	Niskin PVC sampler	glass bottles + $HgCl_2$	NS	NS	NS	2.141-2.383	2.186	2.157	2	
	BOTTOM SEDIMENT	PAH	µg.kg^{-1}	15	15	15	steel pipe dredge	frozen	NS	NS	NS	236-920	525	520	2	WWB; Note 4
		non-polar HC-total	mg.kg^{-1}	14	14	14	steel pipe dredge	frozen	NS	NS	NS	18.4-137.7	82.4	76.5	2	DWB
74-0009	MACKENZIE DELTA (Lake and Channel Water)	O_2	mol.m^{-3}	5	10	10	in situ	N/A	YSI meter	NS	NS	0.44-0.47	0.46	0.47	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0009 (cont'd)		pH	pH units	5	17	17	Kemmerer bottle	NS	pH meter	NS	NS	7.30-8.30	8.03	8.10	2	
		SO_4	$mol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	0.270-0.663	0.389	0.381	2	
		Cl	$mol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	0.197-0.367	0.285	0.310	2	
		HCO_3	$mmol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	1.18-2.21	1.99	2.03	2	
		CO_3	$mmol.m^{-3}$	5	17	6	Kemmerer bottle	frozen	APHA	NS	NS	d.l.-0.017	-	-	2	
		Ca as $CaCO_3$	$mol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	0.270-0.903	0.806	0.848	2	
		Mg as $CaCO_3$	$mol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	0.317-0.485	0.428	0.419	2	
		TH as $CaCO_3$	$mol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	0.586-1.309	1.242	1.294	2	
		TC	$mol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	2.25-2.91	2.26	2.50	2	
		TOC	$mol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	0.343-1.08	0.74	0.83	2	
		TIC	$mol.m^{-3}$	5	17	17	Kemmerer bottle	frozen	APHA	NS	NS	1.25-2.00	1.76	1.75	2	
		SPM	$g.m^{-3}$	5	14	14	Kemmerer bottle	frozen	APHA (0.45 µm)	NS	NS	1.2-6.4	4.0	4.0	2	
		BOD	$mol.m^{-3}$	5	10	10	Kemmerer bottle	Winkler bottle	APHA	NS	NS	0.031-1.041	0.484	0.518	2	
		COD	$mol.m^{-3}$	5	8	8	Kemmerer bottle	Winkler bottle	APHA	NS	NS	0.125-0.750	0.300	0.313	2	
74-0010A	SEA WATER	O_2	$mol.m^{-3}$	2	30	30	NS	NS	modified WT	NS	NS	0.32-0.43	0.37	0.37	2	
		PO_4	$mmol.m^{-3}$	2	30	28	NS	NS	S & P	NS	NS	0.00-0.47	0.18	0.17	2	
		NO_2	$mmol.m^{-3}$	2	30	22	NS	NS	S & P	NS	NS	0.00-0.17	0.06	0.06	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0010A (cont'd)		NO_3	$mmol.m^{-3}$	2	28	26	NS	NS	S & P	NS	NS	0.0-4.9	2.7	3.1	2	
		Si	$mmol.m^{-3}$	2	30	30	NS	NS	S & P	NS	NS	6.5-25.3	13.2	12.8	0	Note 3
		chl a	$mg.m^{-3}$	2	29	28	NS	NS	S & P	NS	NS	0.00-2.59	0.54	0.27	2	
		POC	$mg.m^{-3}$	2	18	17	NS	NS	S & P	NS	NS	0-86	32	35	2	
		pH	pH units	2	9	9	NS	NS	NS	NS	NS	7.72-8.05	7.84	7.82	2	
	ICE CORE	PO_4	$mmol.m^{-3}$	2	13	13	NS	NS	S & P	NS	NS	0.04-0.90	0.18	0.12	2	
		NO_2	$mmol.m^{-3}$	2	13	12	NS	NS	S & P	NS	NS	0.00-0.14	0.07	0.06	2	
		NO_3	$mmol.m^{-3}$	2	6	6	NS	NS	S & P	NS	NS	0.4-0.8	0.6	0.65	2	
		Si	$mmol.m^{-3}$	2	13	13	NS	NS	S & P	NS	NS	0.6-5	1.8	1.7	0	Note 3
		chl a	$mg.m^{-3}$	2	13	11	NS	NS	S & P	NS	NS	0.00-22.28	1.92	0.23	2	
		POC	$mg.m^{-3}$	2	13	13	NS	NS	S & P	NS	NS	12-157	58	48	2	
74-0010B	SEA WATER	O_2	$mol.m^{-3}$	1	8	8	NS	NS	WT	NS	NS	0.259-0.438	0.347	0.333	2	
		PO_4	$mmol.m^{-3}$	1	8	8	NS	NS	S & P	NS	NS	0.02-0.14	0.10	0.11	2	
		NO_2	$mmol.m^{-3}$	1	8	4	NS	NS	S & P	NS	NS	0.00-0.07	0.02	0.01	2	
		NO_3	$mmol.m^{-3}$	1	8	4	NS	NS	S & P	NS	NS	0.0-0.2	0.06	0.05	2	
		Si	$mmol.m^{-3}$	1	8	8	NS	NS	S & P	NS	NS	2.3-19.1	9.5	9.5	0	Note 3
74-0010C	SEA WATER	O_2	$mol.m^{-3}$	30	183	183	NS	NS	WT	NS	NS	0.295-0.470	0.370	0.367	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0010C (cont'd)		PO_4	$mmol.m^{-3}$	27	185	103	NS	NS	S & P	NS	NS	0.00-0.23	0.03	0.02	2	
		NO_2	$mmol.m^{-3}$	28	185	141	NS	NS	S & P	NS	NS	0.00-0.25	0.03	0.03	2	
		NO_3	$mmol.m^{-3}$	28	185	152	NS	NS	S & P	NS	NS	0.00-7.20	1.37	0.7	2	
		Si	$mmol.m^{-3}$	28	185	185	NS	NS	S & P	NS	NS	2.0-28.7	9.8	7.9	0	Note 3
		chl a	$mg.m^{-3}$	28	184	176	NS	NS	S & P	NS	NS	0.00-3.04	0.51	0.46	2	
		POC	$mg.m^{-3}$	9	72	70	NS	NS	S & P	NS	NS	0-86	25	22	2	
74-0011	SEA WATER	O_2	$mol.m^{-3}$	2	16	16	NS	NS	Hach kit	NS	±0.016	0.250-0.419	0.356	0.375	2	NPG; accuracies given are theoretical only
		pH	pH units	2	23	23	NS	NS	pH meter	NS	±0.1	7.7-8.8	8.0	7.9	2	
		TDN	$mmol.m^{-3}$	2	11	10	NS	NS	S & P	NS	±0.36	0.0-14.0	7.6	8.2	2	
		TDP	$mmol.m^{-3}$	2	13	6	NS	NS	spectrophotometry APHA 223C	NS	±0.16	0.0-3.81	0.60	0.0	2	
		Si	$mmol.m^{-3}$	2	11	11	NS	NS	S & P	NS	±3.6	19.6-37.0	26.8	25.3	2	
		Ca	$mol.m^{-3}$	2	13	13	NS	NS	AAS	NS	±0.0025	0.86-9.58	3.13	1.75	2	
		Mg	$mol.m^{-3}$	2	13	13	NS	NS	AAS	NS	±0.0041	1.19-44.20	13.11	6.17	2	
		Na	$mol.m^{-3}$	2	13	13	NS	NS	AAS	NS	±0.0043	13.5-472	120	32.6	2	
		K	$mol.m^{-3}$	2	13	13	NS	NS	AAS	NS	±0.0026	0.009-8.8	2.1	1.05	2	
		SO_4	$mol.m^{-3}$	2	13	13	NS	NS	turbidimetry APHA 126C	NS	±0.0052	0.78-26.86	5.96	3.31	2	
		Cl	$mol.m^{-3}$	2	6	6	NS	NS	argentometric titra-APHA 112A	NS	±0.0141	114-515	180	124	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0011 (cont'd)		HCO_3 as $CaCO_3$	mmol.m^{-3}	2	2	2	NS	NS	NS	NS	NS	17.0-17.5	17.3	-	2	
		Alk_1 as $CaCO_3$	mol.m^{-3}	2	11	11	NS	NS	NS	NS	NS	0.0155-1.12	0.858	0.859	2	
74-0019	SEA WATER	pH	pH units	54	106	106	1 gal plastic bottle	NS	pH meter	NS	NS	7.0-8.5	7.9	8.0	2	NPG
		Alk as CO_3	mol.m^{-3}	4	4	4	1 gal plastic bottle	NS	colorimetric filtration	NS	NS	-	not detected	-	2	
		Alk as HCO_3	mol.m^{-3}	4	4	4	1 gal plastic bottle	NS	colorimetric filtration	NS	NS	1.69-4.16	2.51	2.08	2	
		Turbidity as SiO_2	g.m^{-3}	4	4	4	1 gal plastic bottle	NS	Hellige turbidimeter	NS	NS	9.5-12.8	11.5	11.8	2	
		Hardness as $CaCO_3$	mol.m^{-3}	4	4	4	1 gal plastic bottle	NS	AAS	NS	NS	1.40-3.88	2.18	1.52	2	
		SPM	g.m^{-3}	4	4	4	1 gal plastic bottle	NS	AAS	NS	NS	21.0-33.6	27.7	28.0	2	
		Ni	mmol.m^{-3}	4	4	4	1 gal plastic bottle	NS	AAS	NS	NS	0.34-1.36	0.68	0.51	0	Note 2
		Pb	mmol.m^{-3}	4	4	4	1 gal plastic bottle	NS	AAS	NS	NS	0.14-0.29	0.19	0.14	0	Note 2
		Zn	mmol.m^{-3}	4	4	4	1 gal plastic bottle	NS	AAS	NS	NS	0.46-2.14	0.92	0.61	0	Note 2
		Cr	mmol.m^{-3}	4	4	4	1 gal plastic bottle	NS	AAS	NS	NS	0.19-0.38	0.38	0.38	0	Note 2
		Ca	mol.m^{-3}	4	4	4	1 gal plastic bottle	NS	AAS	NS	NS	0.94-2.28	1.36	1.00	2	
		Mg	mol.m^{-3}	4	4	4	1 gal plastic bottle	NS	AAS	NS	NS	0.46-1.60	0.83	0.62	2	
		O_2	mol.m^{-3}	54	92	92	1 gal plastic bottle	NS	S & P	NS	NS	0.28-0.44	0.36	0.38	2	
		CO_2	mol.m^{-3}	54	104	104	1 gal plastic bottle	NS	S & P	NS	NS	0.23-0.68	0.33	0.34	2	
74-0020	RIVER WATER SEA WATER (Outer Delta)	O_2	mol.m^{-3}	14	12	12	NS	NS	Hach kit Model AA-36-WR	NS	NS	0.063-0.407	0.322	0.344	2	NPG

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0020 (cont'd)		pH	pH units	14	14	14	NS	NS	Hach kit Model AA-36-WR	NS	NS	7.5-9.5	8.5	8.5	2	
		Hardness as $CaCO_3$	mol.m^{-3}	14	11	11	NS	NS	Hach kit Model AA-36-WR	NS	NS	0.060-0.160	0.092	0.090	2	
		Alk	mol.m^{-3}	14	7	7	NS	NS	NS	NS	NS	0.020-0.110	0.067	0.070	2	
74-0021A	SEA WATER	pH	pH units	5	5	5	NS	NS	NS	NS	NS	7.29-7.94	7.85	7.69	2	NPG; Stn II hypersaline
		Alk$_T$	mol.m^{-3}	5	5	5	NS	NS	NS	NS	NS	0.986-1.230	1.080	1.051	2	
		PO_4	mol.m^{-3}	5	5	5	NS	+ 5 mL chloroform	APHA	NS	NS	0.32-0.74	0.53	0.48	2	
		NO_3	mmol.m^{-3}	5	5	5	NS	+ 5 mL chloroform	APHA	NS	NS	1.13-3.23	2.10	2.42	2	
		Si	mmol.m^{-3}	5	5	5	NS	+ 5 mL chloroform	APHA	NS	NS	6.1-25.6	17.9	23.3	2	
		Hardness as $CaCO_3$	mol.m^{-3}	5	5	5	NS	NS	NS	NS	NS	1.16-15.31	6.36	3.00	2	
		TH	mol.m^{-3}	5	5	5	NS	NS	NS	NS	NS	1.80-56.94	24.71	10.03	2	
		Cl	mol.m^{-3}	5	5	5	NS	NS	NS	NS	NS	1.30-571.47	226.39	74.45	2	
		SO_4	mol.m^{-3}	5	4	4	NS	NS	NS	NS	NS	0.54-31.20	9.72	3.58	2	
		Fe	mmol.m^{-3}	5	5	5	NS	NS	NS	NS	NS	0.36-2.51	1.43	1.07	0	Note 2
		Total Residue	kg.m^{-3}	5	5	5	NS	NS	NS	NS	NS	0.40-33.32	14.10	5.99	2	
		Filterable Residue	kg.m^{-3}	5	5	5	NS	NS	NS	NS	NS	0.22-32.47	13.22	4.96	2	
		Hg	µmol.m^{-3}	5	5	5	NS	frozen	NS	NS	NS	1.00-814.87	168.17	4.49	0	Note 2
		Cu	mmol.m^{-3}	5	5	5	NS	NS	CRAAS	NS	NS	0.06-0.52	0.28	0.28	0	Note 2

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0021A (cont'd)		Ni	mmol.m^{-3}	5	5	5	NS	frozen	CRAAS	NS	NS	0.36-15.60	8.56	2.72	0	Note 2
		Cr	mmol.m^{-3}	5	5	5	NS	frozen	CRAAS	NS	NS	NS 17.15	0.02-	3.67	0.19 0	Note 2
		Zn	mmol.m^{-3}	5	5	5	NS	frozen	CRAAS	NS	NS	0.15-3.06	1.38	1.53	0	Note 2
		Co	mmol.m^{-3}	5	5	5	NS	frozen	CRAAS	NS	NS	0.12-0.51	0.34	0.37	2	Note 2
		Mn	mmol.m^{-3}	5	5	5	NS	frozen	CRAAS	NS	NS	0.04-10.5	2.42	0.46	2,0	Note 2
		Cd	μmol.m^{-3}	5	5	5	NS	frozen	CRAAS	NS	NS	9-107	27	9	1	Note 2
		Pb	μmol.m^{-3}	5	5	5	NS	frozen	CRAAS	NS	NS	4.8-483	203	241	1	Note 2
74-0021B	SEA WATER	pH	pH units	9	9	9	NS	NS	NS	NS	NS	7.95-8.76	8.33	8.27	2	
		Alk$_t$	mol.m^{-3}	9	9	9	NS	NS	NS	NS	NS	0.44-0.72	0.58	0.63	2	
		PO$_4$	mmol.m^{-3}	9	9	9	NS	+ 5 mL chloroform	APHA	NS	NS	0.32-5.79	1.68	0.63	2	
		Si	mmol.m^{-3}	9	9	9	NS	+ 5 mL chloroform	APHA	NS	NS	2.6-21.8	11.4	12.4	2	
		NO$_3$	mmol.m^{-3}	9	9	9	NS	+ 5 mL chloroform	APHA	NS	NS	0.32-1.13	0.65	0.65	2	
		Total Residue	kg.m^{-3}	9	9	9	NS	NS	NS	NS	NS	0.46-8.10	3.40	2.93	2	
		Fe	mmol.m^{-3}	9	9	9	NS	NS	NS	NS	NS	0.90-59.82	18.98	6.81	2	
		Org.N	mmol.m^{-3}	8	8	8	NS	NS	NS	NS	NS	2.14-22.86	11.43	10.00	2	
		Hardness as CaCO$_3$	mol.m^{-3}	9	9	9	NS	NS	NS	NS	NS	0.30-2.94	1.39	1.20	2	
		TH	kg.m^{-3}	9	9	9	NS	NS	NS	NS	NS	0.13-1.36	0.80	0.48	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
74-0021B (cont'd)		Cl	mol.m^{-3}	9	9	9	NS	NS	NS	NS	NS	2.12-119.15	47.40	36.84	2	
		SO_4	mol.m^{-3}	9	9	9	NS	NS	NS	NS	NS	0.42-6.76	3.12	2.70	2	
		PO_4	mmol.m^{-3}	9	9	9	NS	+ 5 mL chloroform	APHA	NS	NS	0.42-8.00	2.63	1.47	0	Note 2
		Acid H_3PO_4	mmol.m^{-3}	7	7	7	NS	+ 5 mL chloroform	APHA	NS	NS	0.21-1.47	0.54	0.42	0	Note 2
		Org. PO_4	NS	7	7	7	NS	+ 5 mL chloroform	APHA	NS	NS	0.11-1.68	0.74	0.74	0	Note 2
74-0021C	SEA WATER	O_2	mol.m^{-3}	11	14	14	in situ	N/A	YSI Model 34 DO meter	NS	NS	0.30-0.37	0.31	0.33	2	
		pH	pH units	11	8	8	NS	NS	Hach kit Model AL-36B	NS	NS	8.2-8.8	8.4	8.3	2	
		Alk_t	mol.m^{-3}	11	6	6	NS	NS	Hach kit Model AL-36B	NS	NS	0.35-0.85	0.71	0.77	2	
		TAc	mol.m^{-3}	11	6	6	NS	NS	Hach kit Model AL-36B	NS	NS	0.06-0.11	0.08	0.09	2	
		TH	mol.m^{-3}	11	6	6	NS	NS	Hach kit Model AL-36B	NS	NS	1.20-78.42	27.30	2.30	2	
		CO_2	mol.m^{-3}	11	6	6	NS	NS	Hach kit Model AL-36B	NS	NS	0.11-0.23	0.17	0.17	2	
74-0022	SEA WATER	O_2	mol.m^{-3}	22	21	21	NS	NS	Hach DO kit	NS	NS	0.09-0.47	0.33	0.37	2	NPG
		SPM	g.m^{-3}	22	24	24	NS	0.5 L sample + 1 mL thymerosal	NS	NS	NS	0.0-62.1	11.17	5.4	2	
		pH	pH units	22	28	28	NS	NS	pH meter	NS	NS	6.6-8.8	7.68	7.6	2	
74-0027	SEA WATER	pH	pH units	1	4	4	Van Dorn sampling bottle	sealed in ampoules	IR gas analyzer	NS	NS	7.7-8.2	7.98	8.0	2	
		CO_2	mol.m^{-3}	1	4	4	Van Dorn sampling bottle	sealed in ampoules	IR gas analyzer	NS	NS	0.92-1.87	1.37	1.34	2	
76-0004	SEA WATER	O_2	mol.m^{-3}	41	71	71	NS	NS	Hach kit Model AL-36B	NS	NS	0.063-0.469	0.313	0.313	1	NPG; poor end pt. due to high turbidity

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0004 (cont'd)		CO_2	mol.m^{-3}	6	6	6	NS	NS	NS	NS	NS	0.227-0.454	0.284	0.227	2	
		pH	pH units	39	85	85	NS	NS	Hach kit Model AL-36B	NS	NS	7.5-9.9	8.5	8.5	2	
		Alk_t as $CaCO_3$	mol.m^{-3}	29	38	38	NS	NS	Hach kit Model AL-36B	NS	NS	0.34-7.52	2.76	1.46	1	approx. values
		HCO_3 as $CaCO_3$	mol.m^{-3}	22	43	43	NS	NS	Hach kit Model AL-36B	NS	NS	0.60-1.29	1.01	0.98	1	approx. values
		CO_3 as $CaCO_3$	mol.m^{-3}	23	32	8	NS	NS	Hach kit Model AL-36B	NS	NS	0.0-0.026	0.002	0	1	approx. values
		Hardness	ppm	40	58	58	NS	NS	Hach kit Model AL-36B	NS	NS	86-3186	734	317	1	approx. values
		Turbidity	g.m^{-3}	26	48	48	PVC bottles	NS	Hellige turbidimeter	NS	NS	2.35-120.0	39.1	2	2	
		Settleable Material	L.m^{-3}	26	64	55	PVC bottles	NS	APHA 224F Imhoff cone	NS	NS	0-2.55	0.16	0.06	2	
		Total SPM	g.m^{-3}	23	47	47	NS	NS	filtration (0.45 µm); gravimetry (APHA)	NS	NS	5.9-3.48	50.4	29.6	2	
		Fixed SPM	g.m^{-3}	23	47	47	NS	NS	gravimetry APHA	NS	NS	4.3-311	40.4	22.4	2	
		Volatile SPM	g.m^{-3}	23	47	47	NS	NS	gravimetry APHA	NS	NS	0.9-37.0	9.5	5.8	2	
		Total DS	g.m^{-3}	23	47	47	NS	NS	APHA	NS	NS	0.16-23.75	8.83	9.32	2	
		Fixed DS	kg.m^{-3}	23	47	47	NS	NS	APHA	NS	NS	0.11-19.32	7.00	6.56	2	
		Volatile DS	kg.m^{-3}	23	48	48	NS	NS	APHA	NS	NS	0.05-5.95	1.83	1.75	2	
		Cl	mol.m^{-3}	23	48	48	NS	NS	APHA	NS	NS	0.7-323	131	121	2	
		PO_4	mmol.m^{-3}	23	48	0	NS	NS	APHA	NS	NS	-	<0.32	-	2	
		NO_3	mmol.m^{-3}	23	48	0	new PVC bottles	frozen	APHA	NS	NS	-	<7.1	-	2	
		Ca	mol.m^{-3}	23	48	48	new PVC bottles	frozen	AAS	NS	NS	0.48-6.53	2.79	2.75	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0004 (cont'd)		Mg	mol.m^{-3}	23	48	48	new PVC bottles	frozen	AAS	NS	NS	0.91-40.68	16.19	15.23	2	
		Cr	µmol.m^{-3}	23	48	0	new PVC bottles	frozen	AAS	NS	NS	-	<96	-	0	Note 2
		Cd	µmol.m^{-3}	23	48	3	new PVC bottles	frozen	AAS	NS	NS	<9-17.8	9.2	<9	0	Note 2
		Pb	µmol.m^{-3}	23	48	17	new PVC bottles	frozen	AAS	NS	NS	<4.8-4.8	4.8	<4.8	2	
		Ni	µmol.m^{-3}	23	48	17	new PVC bottles	frozen	AAS	NS	NS	<17-85	23.1	<17	2	
		Si	mmol.m^{-3}	23	48	48	new PVC bottles	frozen	APHA	NS	NS	21.8-42.7	29.7	29.5	2	
		TC	mol.m^{-3}	23	47	47	new PVC bottles	NS	APHA	NS	NS	0.92-3.16	2.29	2.41	2	
		TOC	mol.m^{-3}	23	47	47	new PVC bottles	NS	APHA	NS	NS	0.17-1.17	0.61	0.58	2	
		TIC	mol.m^{-3}	23	47	47	new PVC bottles	NS	APHA	NS	NS	0.92-2.33	1.68	1.75	2	
		chl a	mg.m^{-3}	11	15	15	new PVC bottles	filtered, residues frozen	S & P	NS	NS	0.026-1.210	0.507	0.392	2	
75-0006	SEA WATER	O_2	mol.m^{-3}	34	314	314	Niskin PVC sampler	Winkler flask + $MnCl_2$ + NaI	micro WT on board ship	±0.0002	±0.0005 (mol.m^{-3})	0.185-0.398	0.359	0.356	4	
		CH_4	µmol.m^{-3}	29	59	59	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<2.8%	ca±2.82%	0.69-51.52	7.89	4.56	4	
		C_2H_6	nmol.m^{-3}	29	51	51	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<6.7%	ca±6.7%	13.84-80.36	34.87	30.80	4	
		C_2H_4	nmol.m^{-3}	29	59	59	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<4.2%	ca±4.2%	8.04-184.8	51.79	46.43	4	
		C_3H_8	nmol.m^{-3}	29	55	55	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<6.8%	ca±6.8%	4.91-40.18	15.94	13.39	4	
		C_4H_{10}	nmol.m^{-3}	29	56	56	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<34%	ca±34%	6.25-158.5	3.79	3.59	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0008 (cont'd)		C_3H_6	nmol.m^{-3}	29	58	58	5 L Blumer sampler	processed within minutes of sampling	cold trap separation; backflush fractions through GC (FID)	<4.7%	ca±4.7	0.94-9.51	43.73	41.61	4	
		PAH	µg.m^{-3} (chrysene equivalents)	3	20	20	5 L Blumer sampler	$HgCl_2$ added; stored in glass liner	shipboard CH_2Cl_2 extraction; shore analysis by HPLC-FS; ship analysis by FS	NS	NS	9-59	21.7	23.5	2	
		Tarballs & Plastics	NS		17	17	0	Neuston net	NA	NA	NS	NS	detected	none	-	
		PO_4	mmol.m^{-3}	38	345	318	Niskin PVC sampler	not frozen; samples analysed on board ship	Technicon Method 158-71W; AuA	±0.3%	±3%	0.00-2.31	0.704	0.676	4	
		NO_3	mmol.m^{-3}	38	354	182	Niskin PVC sampler	not frozen; samples analysed on board ship	Technicon Method 186-72W; AuA	±0.45	±2%	0.0-19.0	2.0	1.1	4	
		Si	mmol m^{-3}	38	344	344	Niskin PVC sampler	not frozen; samples analysed on board ship	Technicon Method 155-71W; AuA	±0.3%	±3%	1-34	13.8	13	4,0	Note 3
		Hg	µmol.m^{-3}	13	39	39	Niskin PVC bottles with Teflon coated S/S springs	not frozen; samples analysed on board ship	hot oxidation; CVAAS	NS	NS	0.020-0.169	0.066	0.060	3	
		SPM	g.m^{-3}	-	-	-	Niskin PVC sampler	not frozen; samples analysed on board ship	filtration (0.45 µm); gravimetry	NS	NS	-	1	-	2	
		Alk_t	meq.kg^{-1}	6	7	7	Niskin PVC bottles	glass bottles + $HgCl_2$	NS	NS	NS	1.526-2.267	1.882	1.843	2	
		Total CO_2	mmol.kg^{-1}	6	7	7	Niskin PVC bottles	glass bottles + $HgCl_2$	NS	NS	NS	1.527-2.197	1.792	1.759	2	
	BOTTOM SEDIMENT (Cores to approx. 60 cm)	PAH	µg.kg^{-1}	22	22	22	steel pipe dredge	frozen	digested in ethanolic KOH; GCMS with IS	approx. ±15%	approx. -56%	122-2888	1241.5	1073	3	DWB
		Total non-polar HC	mg.kg^{-1}	15	15	15	steel pipe dredge	frozen	digested in ethanolic KOH; solvent extraction, GC with IS	NS	NS	36.9-109.1	66.05	64.1	2	DWB
		PAH	µg.kg^{-1}	12	12	12	steel pipe dredge	frozen	digested in ethanolic KOH; GCMS with IS	approx. ±15%	approx. -56%	0.4-2.99	54.3	5.4	3	nearshore sediment only
		Fe	mol.kg^{-1}	5	60	60	Phleger piston corer	frozen	AAS	NS	NS	0.437-0.760	0.569	0.582	2	DWB
		Mn	mmol.kg^{-1}	5	61	61	Phleger piston corer	frozen	AAS	NS	NS	4.28-1540	7.86	7.03	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0006 (cont'd)		Zn	mmol.kg^{-1}	5	60	60	Phleger piston corer	frozen	AAS	NS	NS	1.44-2.92	2.29	2.14	2	DWB
		Cu	mmol.kg^{-1}	5	61	61	Phleger piston corer	frozen	AAS	NS	NS	0.33-1.59	0.51	0.43	2	DWB
		Cr	mmol.kg^{-1}	5	61	61	Phleger piston corer	frozen	AAS	NS	NS	0.16-0.85	0.51	0.48	2	DWB
		Pb	mmol.kg^{-1}	3	41	41	Phleger piston corer	frozen	AAS	NS	NS	0.016-0.036	0.029	0.026	2	DWB
		Cd	µmol.kg^{-1}	3	41	41	Phleger piston corer	frozen	AAS	NS	NS	0.952-7.349	2.616	1.877	2	DWB
		Hg	µmol.kg^{-1}	12	34	34	Phleger piston corer	frozen	H_2SO_4/HNO_3 digestion; CVAAS	NS	NS	0.145-0.543	0.325	0.349	2	DWB
		% loss on ignition	%		3	39	39	Phleger piston corer	frozen	NS	NS	NS 6.90	3.14-	5.40	4.63	2DWB
	BIOTA (Fish)	PAH	µg.kg^{-1}	6	6	6	frozen within sea ice	frozen or preserved in formaldehyde	digested in ethanolic KOH; solvent extraction GC	approx. ±15%	approx. -56%	9-31	21	23	3	DWB
		Hg	µmol.kg^{-1}	NS	5	5	NS	NS	NS	NS	NS	0.17-0.36	0.30	0.31	2	
75-0009	SEA WATER	SPM	g.m^{-3}	23	76	76	bucket (sfc); Van Dorn sampling bottles (subsurface)	NS	filtration (0.4 µm Nuclepore); gravimetry	±0.05%	NS	0.023-17.452	1.025	1.025	3	
75-0010A	SEA WATER	O_2	mol.m^{-3}	1	7	7	NS	NS	WT	NS	NS	0.370-0.373	0.372	0.372	2	
		PO_4	mmol.m^{-3}	2	11	11	NS	NS	S & P	NS	NS	0.09-0.13	0.11	0.11	2	
		NO_3	mmol.m^{-3}	2	13	13	NS	NS	S & P	NS	NS	2.9-9.0	4.4	3.4	2	
		Si	mmol.m^{-3}	2	13	13	NS	NS	S & P	NS	NS	1.0-4.0	2.1	1.8	0	Note 3
		chl a	mg.m^{-3}	2	13	10	NS	NS	S & P	NS	NS	0.0-0.5	0.15	0.1	2	
		POC	mg.m^{-3}	2	10	10	NS	NS	S & P	NS	NS	33-75	47.4	39	2	
	ICE CORE	PO_4	mmol.m^{-3}	1	5	0	NS	NS	S & P	NS	NS	0.00-0.00	0.00	0.00	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0010A (cont'd)		NO_3	$mmol.m^{-3}$	1	5	5	NS	NS	S & P	NS	NS	0.3-0.7	0.5	0.5	2	
		Si	$mmol.m^{-3}$	1	5	5	NS	NS	S & P	NS	NS	0.2-0.3	0.26	0.3	0	Note 3
		chl a	$mg.m^{-3}$	1	5	5	NS	NS	S & P	NS	NS	0.1-0.7	0.38	0.4	2	
		POC	$mg.m^{-3}$	1	5	5	NS	NS	S & P	NS	NS	97-149	128	134	2	
75-0011	MACKENZIE RIVER WATER (Surface Only)	pH	pH units	10	27	27	NS	NS	Hach kit Model AL-36B	NS	NS	7.85-8.60	8.2	8.1	2	NPG
		O_2	$mol.m^{-3}$	10	19	19	NS	NS	Hach kit Model AL-36B	NS	NS	0.347-0.438	0.347	0.313	2	
		Total SPM	$g.m^{-3}$	10	27	27	NS	NS	filtration (0.45 µm); gravimetry (APHA)	NS	NS	16.5-445	113	80	2	
		Fixed SPM	$g.m^{-3}$	10	27	27	NS	NS	filtration (0.45 µm); gravimetry (APHA)	NS	NS	15.5-419	117	64	2	
		Volatile SPM	$g.m^{-3}$	10	27	27	NS	NS	filtration (0.45 µm); gravimetry (APHA)	NS	NS	1.0-32.6	16.7	14.2	2	
		Total DS	$g.m^{-3}$	10	26	26	NS	NS	APHA	NS	NS	102-266	148	136	2	
		Fixed DS	$g.m^{-3}$	10	27	27	APHA	NS	NS	NS	NS	40-212	94	86	2	
		Volatile DS	$g.m^{-3}$	10	27	27	NS	NS	APHA	NS	NS	22-84	54	54	2	
		HCO_3 alk as $CaCO_3$	$mol.m^{-3}$	10	4	4	NS	NS	Hach kit Model AL-36B	NS	NS	0.87-1.12	1.01	1.03	2	
		Cl	$mol.m^{-3}$	10	4	4	new PVC bottles	NS	APHA	NS	NS	0.183-0.324	0.271	0.291	2	
		Turbidity as SiO_2	$g.m^{-3}$	10	27	27	new PVC bottles	frozen	NS	NS	NS	4.2-86.0	32.2	30.0	2	
		SO_4	$mol.m^{-3}$	10	12	12	new PVC bottles	frozen	APHA	NS	NS	0.130-0.278	0.241	0.253	2	filtered (0.45 µm)
		PO_4	$mmol.m^{-3}$	10	12	12	new PVC bottles	frozen	APHA	NS	NS	<0.105-1.05	0.184	-	2	filtered (0.45 µm)

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0011 (cont'd)		NO_3	$mmol.m^{-3}$	10	12	3	new PVC bottles	frozen	APHA	NS	NS	<7.1-17.9	9.5	<7.1	2	filtered (0.45 μm)
		Cd	$\mu mol.m^{-3}$	4	4	2	new PVC bottles	frozen	AAS	NS	NS	<9-27	16	-	0	Note 2; filtered (0.45 μm)
		Ni	$\mu mol.m^{-3}$	4	4	4	new PVC bottles	frozen	AAS	NS	NS	51-273	132	102	0	Note 2; filtered (0.45 μm)
		As	$\mu mol.m^{-3}$	4	4	3	new PVC bottles	frozen	AAS	NS	NS	<27-40	33	33	2	filtered (0.45 μm)
		Pb	$\mu mol.m^{-3}$	4	4	0	new PVC bottles	frozen	AAS	NS	NS	-	<5	-	0	Note 2; filtered (0.45 μm)
		Fe	$mmol.m^{-3}$	4	4	4	new PVC bottles	frozen	AAS	NS	NS	0.90-1.80	1.12	0.90	0	Note 2; filtered (0.45 μm)
		Ca	$mol.m^{-3}$	4	4	4	new PVC bottles	frozen	AAS	NS	NS	0.66-0.71	[illegible]	0.69	2	Note 2; filtered (0.45 μm)
		Mg	$mol.m^{-3}$	4	4	4	new PVC bottles	frozen	AAS	NS	NS	0.24-0.44	0.35	0.37	2	filtered (0.45 μm)
		Total Fe	$\mu mol.m^{-3}$	4	4	4	new PVC bottles	frozen	AAS	NS	NS	107-358	304	358	0	filtered (0.45 μm)
		TC	$mol.m^{-3}$	10	27	27	new PVC bottles	frozen	APHA	NS	NS	1.67-2.83	2.07	2.17	2	filtered (0.45 μm)
		TOC	$mol.m^{-3}$	10	27	26	new PVC bottles	frozen	APHA	NS	NS	<0.17-0.83	0.45	0.42	2	filtered (0.45 μm)
		TIC	$mol.m^{-3}$	10	27	27	new PVC bottles	frozen	APHA	NS	NS	1.08-2.33	1.63	1.58	2	filtered (0.45 μm)
		CO_2	$mol.m^{-3}$	1	28	28	new PVC bottles	frozen	APHA	NS	NS	0.114-0.341	0.216	0.227	2	filtered (0.45 μm)
75-0012A	SEA WATER	PO_4	$mmol.m^{-3}$	3	3	3	NS	NS	S & P	NS	NS	0.13-0.27	0.15	0.15	2	
		NO_3	$mmol.m^{-3}$	3	3	3	NS	NS	S & P	NS	NS	6.4-8.9	7.9	8.4	2	
		Si	$mmol.m^{-3}$	3	3	3	NS	NS	S & P	NS	NS	62.2-77.0	69.3	68.7	2,0	Notes 2,3
75-0024	SEA WATER	pH	pH units	12	13	13	NS	NS	Hach kit Model AA-36-WR	NS	NS	7.5-9.0	8.42	8.5	2	NPG
		Hardness as $CaCO_3$	$mol.m^{-3}$	12	8	8	NS	NS	Hach kit Model AA-36-WR	NS	NS	0.06-0.11	0.09	0.09	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0024 (cont'd)		Alk	mmol.m^{-3}	12	5	5	NS	NS	NS	NS	NS	2.0-95.9	57.9	69.9	2	
75-0025	SEA WATER	pH	pH units	6	6	6	NS	NS	NS	NS	NS	7.83-8.23	8.02	8.01	2	NPG
		Alk$_t$	mol.m^{-3}	6	6	6	NS	NS	NS	NS	NS	0.90-1.29	1.05	1.01	2	
		Total Residue	kg.m^{-3}	6	6	6	NS	NS	NS	NS	NS	0.26-2.90	1.41	1.26	2	
		PO_4	mmol.m^{-3}	6	6	6	NS	+ 5 mL $CHCl_3$	APHA	NS	NS	1.68-3.37	2.42	237	0	Note 2
		Ortho PO_4	mmol.m^{-3}	6	6	6	NS	+ 5 mL $CHCl_3$	APHA	NS	NS	0.42-1.16	0.84	0.95	2	
		Acid-H_3 PO_4	mmol.m^{-3}	6	6	6	NS	+ 5 mL $CHCl_3$	APHA	NS	NS	0.32-1.58	0.74	0.47	2	
		Org. PO_4	mmol.m^{-3}	6	6	6	NS	+ 5 mL $CHCl_3$	APHA	NS	NS	0.21-2.00	0.95	0.47	2	
		Hardness as $CaCO_3$	mol.m^{-3}	6	6	6	NS	NS	NS	NS	NS	0.93-3.00	1.83	1.62	2	
		TH	mol.m^{-3}	6	6	6	NS	NS	NS	NS	NS	1.46-11.56	5.00	3.93	2	
		Fe	mmol.m^{-3}	6	6	6	NS	NS	NS	NS	NS	4.66-7.88	6.27	6.45	0	Note 2
		Cl	mol.m^{-3}	6	6	6	NS	NS	NS	NS	NS	0.52-101.97	36.64	21.54	2	
		SO_4	mol.m^{-3}	6	6	6	NS	NS	NS	NS	NS	1.41-6.58	3.53	2.94	2	
		Si	mmol.m^{-3}	6	6	6	NS	+ 5 mL $CHCl_3$	APHA	NS	NS	29.5-35.0	31.8	31.9	2	
		TKN	mmol.m^{-3}	6	3	3	NS	NS	NS	NS	NS	0.71-70.72	26.43	7.14	2	
		NH_3	mmol.m^{-3}	6	2	2	NS	+ 5 mL $CHCl_3$	APHA	NS	NS	1.17-2.35	1.76	1.76	2	
		Org. N	mmol.m^{-3}	6	3	3	NS	+ 5 mL $CHCl_3$	APHA	NS	NS	0.71-67.86	25.00	5.71	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0025 (cont'd)		NO_3	$mmol.m^{-3}$	6	6	6	NS	+ 5 mL $CHCl_3$	APHA	NS	NS	1.13-2.47	1.61	1.61	2	
		Hg	$\mu mol.m^{-3}$	6	6	6	NS	frozen	NS	NS	NS	0.499-1.996	0.998	0.499	0	Note 2
		Cu	$mmol.m^{-3}$	6	6	6	NS	frozen	CRAAS	NS	NS	0.02-0.44	0.10	0.03	0	Note 2
		Ni	$mmol.m^{-3}$	6	6	6	NS	frozen	CRAAS	NS	NS	0.02-0.41	0.17	0.05	0	Note 2
		Cr	$mmol.m^{-3}$	6	6	6	NS	frozen	CRAAS	NS	NS	0.04-0.19	0.08	0.06	0	Note 2
		Co	$mmol.m^{-3}$	6	6	6	NS	frozen	CRAAS	NS	NS	0.02-0.15	0.06	0.03	2	
		Mn	$mmol.m^{-3}$	6	6	6	NS	frozen	CRAAS	NS	NS	0.04-0.11	0.06	0.05	2	
		Cd	$mmol.m^{-3}$	6	6	6	NS	frozen	CRAAS	NS	NS	0.01-0.02	0.01	0.01	0	Note 2
		Pb	$mmol.m^{-3}$	6	6	6	NS	frozen	CRAAS	NS	NS	0.01-0.06	0.03	0.02	0	Note 2
75-0028A	SEA WATER	O_2	$mol.m^{-3}$	4	36	36	Van Dorn bottles	NS	polarography	±0.05	NS	0.35-0.63	0.51	0.48	2	
		pH	pH units	4	23	23	Van Dorn bottles	NS	pH meter	±0.05	NS	5.15-10.0	8.17	8.46	2	
		ORP	mV	4	25	25	Van Dorn bottles	NS	Pt-ORP probe	±1	NS	(-580)-(+760)	93	205	2	
75-0028B	SEA WATER	Alk_t	$mol.m^{-3}$	15	29	29	Van Dorn bottles	BOD bottles	APHA	NS	NS	0.69-1.19	1.09	1.17	2	
		Ca	$mol.m^{-3}$	15	29	29	Van Dorn bottles	PE bottles	NS	NS	NS	5.11-8.98	8.13	8.73	2	
		Cl	$mol.m^{-3}$	15	29	29	Van Dorn bottles	PE bottles	NS	NS	NS	262-491	444	462	2	
		Mg	$mol.m^{-3}$	15	29	29	Van Dorn bottles	PE bottles	NS	NS	NS	25.5-510.1	49.8	46.2	2	
		NO_3	$mmol.m^{-3}$	15	23	23	Van Dorn bottles	PE bottles	NS	NS	NS	0.081-0.323	0.145	0.161	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
75-0028B (cont'd)		P	mmol.m^{-3}	15	23	23	Van Dorn bottles	PE bottles	NS	NS	NS	0.648-1.130	0.936	0.969	2	
		K	mol.m^{-3}	15	29	29	Van Dorn bottles	PE bottles	NS	NS	NS	5.1-9.5	8.5	9.0	2	
		Na	mol.m^{-3}	15	29	29	Van Dorn bottles	PE bottles	NS	NS	NS	239-431	388	418	2	
		SO_4	mol.m^{-3}	15	29	29	Van Dorn bottles	PE bottles	NS	NS	NS	14.6-40.0	24.9	25.0	2	
		pH	pH units	15	29	29	Van Dorn bottles	PE bottles	NS	NS	NS	7.2-8.1	7.7	7.8	2	
	ICE CORE	chl a	mg.m^{-3}	1	1	1	SIPRE corer	NS	APHA	NS	NS	NS	1.76	NS	2	
76-0003	SEA WATER	O_2	mol.m^{-3}	5	9	9	Van Dorn or Kemmerer bottle	in DO bottles after fixation	Hach kit Model AL-36B	NS	NS	0.343-0.406	0.384	0.406	2	
		pH	pH units	15	30	30	Van Dorn or Kemmerer bottle	analysed directly after collection	Hach kit Model AL-36B	NS	NS	7.3-8.1	7.7	7.65	2	
		HCO_3 alk as $CaCO_3$	mol.m^{-3}	15	30	30	Van Dorn or Kemmerer bottle	analysed directly after collection	Hach kit Model AL-36B	NS	NS	0.167-2.46	1.81	1.82	2	
		Hardness as $CaCO_3$	mol.m^{-3}	15	30	30	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	8.15-51.87	33.45	36.64	2	
		Turbidity	g.m^{-3}	15	30	30	Van Dorn or Kemmerer bottle	1 day in darkness	Hellige (Model 8000) turbidimeter	NS	NS	1.0-60.0	12.3	10.1	2	
		Total SPM	g.m^{-3}	15	30	30	Van Dorn or Kemmerer bottle	7 d max.	APHA	NS	NS	9.8-107.8	39.0	34.0	2	
		Fixed SPM	g.m^{-3}	15	28	28	Van Dorn or Kemmerer bottle	7 d max.	APHA	NS	NS	3.2-56.6	19.3	18.1	2	
		Volatile SPM	g.m^{-3}	15	30	30	Van Dorn or Kemmerer bottle	7 d max.	APHA	NS	NS	4.8-40.4	16.7	15.0	2	
		Total DS	kg.m^{-3}	14	26	26	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	6.98-36.20	10.93	26.95	2	
		Fixed DS	kg.m^{-3}	14	26	26	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	4.46-34.10	20.43	20.68	2	
		Volatile DS	kg.m^{-3}	14	26	26	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	1.85-10.20	4.52	4.05	2	
		Cl	mol.m^{-3}	15	29	29	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	62.76-440.0	280.0	303.9	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
76-0003 (cont'd)		PO_4	$mmol.m^{-3}$	15	27	0	pre-rinsed new PVC bottles	frozen indefinitely after filtration	NS	NS	NS	-	<0.126	-	2	
		NO_3	$mmol.m^{-3}$	15	29	0	pre-rinsed new PVC bottles	frozen indefinitely after filtration	NS	NS	NS	-	<7.14	-	2	
		Ca	$mol.m^{-3}$	15	30	30	pre-rinsed new PVC bottles	frozen	AAS	NS	NS	0.39-8.4	5.32	6.14	2	
		Mg	$mol.m^{-3}$	15	30	30	pre-rinsed new PVC bottles	frozen	AAS	NS	NS	6.46-42.35	24.15	27.61	2	
		Cr	$\mu mol.m^{-3}$	15	30	12	pre-rinsed new PVC bottles	frozen	AAS	NS	NS	<19.2-192	57.6	19.2	0	Note 2
		Cd	$\mu mol.m^{-3}$	15	30	4	pre-rinsed new PVC bottles	frozen	AAS	NS	NS	<9-98	18	<9	0	Note 2
		Pb	$\mu mol.m^{-3}$	15	30	16	pre-rinsed new PVC bottles	frozen	AAS	NS	NS	<4.8-62.7	9.7	<4.8	0	Note 2
		Ni	$\mu mol.m^{-3}$	15	30	19	pre-rinsed new PVC bottles	frozen	AAS	NS	NS	<17.0-68.1	34.1	17.00	2	
		Si	$mmol.m^{-3}$	15	30	28	pre-rinsed new PVC bottles	frozen indefinitely after filtration	NS	NS	NS	<3.9-31.1	14.4	10.5	2,0	Note 3
		TC	$mol.m^{-3}$	15	30	30	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	0.83-3.25	2.12	2.08	2	
		TOC	$mol.m^{-3}$	15	30	30	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	0.083-1.00	0.42	0.33	2	
		TIC	$mol.m^{-3}$	15	30	30	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	0.25-2.41	1.67	1.75	2	
	BOTTOM SEDIMENT	Cu	$mmol.kg^{-1}$	12	12	12	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.44-0.76	0.58	0.56	2	DWB
		Pb	$mmol.kg^{-1}$	12	12	12	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.11-0.19	0.13	0.013	2	DWB
		Ni	$mmol.kg^{-1}$	12	12	12	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.58-1.18	0.82	0.80	2	DWB
		Cr	$mmol.kg^{-1}$	12	12	12	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.54-2.88	1.07	0.67	2	DWB
		Cd	$\mu mol.kg^{-1}$	12	12	12	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	1.78-13.79	8.27	8.90	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
76-0003 (cont'd)		Hg	$\mu mol.kg^{-1}$	9	9	9	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.90-1.35	1.13	1.20	2	DWB
		V	$mmol.kg^{-1}$	9	9	9	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	2.69-3.63	2.97	2.86	2	DWB
		Ba	$mmol.kg^{-1}$	9	9	9	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	6.43-7.88	6.97	6.84	2	DWB
		Zn	$mmol.kg^{-1}$	12	12	12	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	1.73-7.84	2.35	2.35	2	DWB
		TC	$mol.kg^{-1}$	3	3	3	Phleger corer or Ekman dredge	frozen	NS	NS	NS	1.98-2.28	2.16	2.21	2	DWB
		Graphite C	$mol.kg^{-1}$	3	3	3	Phleger corer or Ekman dredge	frozen	NS	NS	NS	0.93-1.03	0.97	0.93	2	DWB
76-0004	SEA WATER	O_2	$mol.m^{-3}$	11	25	25	Van Dorn or Kemmerer bottle	in DO bottles after fixation	Hach kit Model AL-36B	NS	NS	0.313-0.344	0.322	0.313	2	
		pH	pH units	15	19	19	Van Dorn or Kemmerer bottle	analysed directly after collection	Hach kit Model AL-36B	NS	NS	7.5-8.2	7.9	8.0	2	
		Alk_t	$mol.m^{-3}$	21	27	13	Van Dorn or Kemmerer bottle	NS	Hach kit Model AL-36B	NS	NS	0-1.02	0.42	0	2	
		H	ppm	22	32	32	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	323-4826	927	598	2	
		Turbidity	$g.m^{-3}$	3	8	8	Van Dorn or Kemmerer bottle	1 day in darkness	Hellige turbidimeter Model 8000	NS	NS	9.4-44.0	26.4	26.4	2	
		Total SPM	$g.m^{-3}$	4	8	8	Van Dorn or Kemmerer bottle	7 d	APHA	NS	NS	14.2-75.0	48.4	49.3	2	
		Fixed SPM	$g.m^{-3}$	4	8	8	Van Dorn or Kemmerer bottle	7 d	APHA	NS	NS	9.2-56.3	36.3	35.2	2	
		Volatile SPM	$g.m^{-3}$	4	8	8	Van Dorn or Kemmerer bottle	7 d	APHA	NS	NS	5.0-18.7	12.1	12.5	2	
		Total DS	$kg.m^{-3}$	4	8	8	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	2.18-30.14	14.97	14.66	2	
		Fixed DS	$kg.m^{-3}$	4	8	8	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	1.96-24.9	12.8	13.2	2	
		Volatile SPM	$kg.m^{-3}$	4	8	8	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	0.20-8.03	2.16	1.44	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
76-0004 (cont'd)		Cl	mol.m^{-3}	4	8	8	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	21.9-359.6	160.2	144.2	2	
		PO_4	mmol.m^{-3}	4	8	0	pre-cleaned new PVC bottles	frozen indefinitely after filtration	APHA	NS	NS	-	<1.26		2	
		NO_3	mmol.m^{-3}	4	8	0	pre-cleaned new PVC bottles	frozen indefinitely after filtration	APHA	NS	NS	-	<7.1		2	
		Ca	mol.m^{-3}	4	8	8	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	0.84-6.84	3.42	2.89	2	
		Mg	mol.m^{-3}	4	8	8	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	1.08-29.07	14.64	14.31	2	
		Cr	μmol.m^{-3}	4	8	2	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	<19-63	48	<19	0	Note 2
		Cd	μmol.m^{-3}	4	8	2	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	<9-18	11	<9	0	Note 2
		Pb	μmol.m^{-3}	4	8	1	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	<5-179	32	<5	0	Note 2
		Ni	μmol.m^{-3}	4	8	5	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	<17-43	27	31	2	
		Si	mmol.m^{-3}	4	8	8	pre-cleaned new PVC bottles	frozen indefinitely after filtration	APHA	NS	NS	4.7-40.4	15.5	12.4	2,0	Note 3
		TC	mol.m^{-3}	4	8	8	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	1.58-3.25	2.33	2.25	2	
		TOC	mol.m^{-3}	4	8	8	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	0.25-1.17	0.50	0.42	2	
		TIC	mol.m^{-3}	4	8	8	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	1.33-2.17	1.75	1.92	2	
		chl a	mg.m^{-3}	NS	NS	NS	polyethylene bottles	in darkness	S & P	NS	NS	-	1.014A 0.786B		2	pre-construction Station (B)
	BOTTOM SEDIMENT (Surface Layer)	TC	mol.kg^{-1}	8	8	8	Phleger corer	frozen	APHA	NS	NS	0.26-2.49	1.16	1.18	2	DWB
		Graphite C	mol.kg^{-1}	8	8	8	Phleger corer	frozen	APHA	NS	NS	0.04-1.04	0.47	0.48	2	DWB
76-0005	SEA WATER	O_2	mol.m^{-3}	49	80	80	Van Dorn or Kemmerer bottle	in DO bottles after fixation	Hach kit Model AL-36B	NS	NS	0.188-0.434	0.369	0.375	3	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
76-0005 (cont'd)		pH	pH units	62	100	100	Van Dorn or Kemmerer bottle	analysed directly after collection	Hach kit Model AL-36B	NS	NS	7.5-8.5	8.0	7.8	2	
		Alk_t	$mol.m^{-3}$	49	61	51	Van Dorn or Kemmerer bottle	analysed directly after collection	Hach kit Model AL-36B	NS	NS	0.0-1.71	0.40	1.12	2	
		Hardness as $CaCO_3$	$mol.m^{-3}$	62	76	76	Van Dorn or Kemmerer bottle	NS	APHA	NS	NS	3.00-46.60	18.35	15.90	2	
		Turbidity	$g.m^{-3}$	62	99	99	Van Dorn or Kemmerer bottle	1 day in darkness	Hellige turbidimeter Model 8000	NS	NS	1.5-130.0	34	30	2	
		Settleable	$L.m^{-3}$	49	48	24	Van Dorn or Kemmerer bottle	1 day in darkness	Imhoff Cone APHA 224F	NS	NS	0.0-0.050	<0.006	trace	2	
		Total SPM	$g.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	7 d max.	APHA	NS	NS	8.8-187.0	59.1	31.0	2	
		Fixed SPM	$g.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	7 d max.	APHA	NS	NS	4.8-294.0	45.4	22.2	2	
		Volatile SPM	$g.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	7 d max.	APHA	NS	NS	3.0-48.4	13.6	11.0	2	
		Total DS	$kg.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	4.07-30.10	16.33	15.40	2	
		Fixed DS	$kg.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	3.40-36.20	13.50	11.90	2	
		Volatile DS	$kg.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	0.63-5.30	3.72	2.90	2	
		Cl	$mol.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	36-331	189	162	2	
		PO_4	$mmol.m^{-3}$	26	41	0	pre-cleaned PVC bottles	frozen indefinitely after filtration	APHA	NS	NS	-	<1.26	-	2	bottle cleaning procedure unknown
		NO_3	$mmol.m^{-3}$	26	41	0	pre-cleaned new PVC bottles	frozen indefinitely after filtration	APHA	NS	NS	-	<7.14	-	2	
		Ca	$mol.m^{-3}$	26	41	41	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	1.28-7.44	4.08	3.37	2	
		Mg	$mol.m^{-3}$	26	41	41	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	5.26-40.46	19.24	16.16	2	
		Cr	$\mu mol.m^{-3}$	26	41	9	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	<19-570	36	<19	0	Note 2

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
76-0005 (cont'd)		Pb	$\mu mol.m^{-3}$	26	41	35	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	<5-39	14	10	0	Note 2
		Cd	$\mu mol.m^{-3}$	26	41	35	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	-	<9	-	0	Note 2
		Ni	$\mu mol.m^{-3}$	26	41	16	pre-cleaned new PVC bottles	frozen	AAS	NS	NS	<17-68	25	<17	2	
		Si	$mmol.m^{-3}$	26	41	41	pre-cleaned new PVC bottles	frozen indefinitely after filtration	APHA	NS	NS	4.7-35.0	22.1	26.4	2,0	Note 3
		TC	$mol.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	0.416-2.998	2.032	2.165	2	
		TOC	$mol.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	0-0.999	0.391	0.333	2	
		TIC	$mol.m^{-3}$	26	41	41	Van Dorn or Kemmerer bottle	frozen	APHA	NS	NS	0.416-2.165	1.650	1.749	2	
	BOTTOM SEDIMENT (Surface Layer)	TC	$mol.kg^{-1}$	8	23	23	Phleger corer or Ekman dredge	frozen	APHA	NS	NS	1.32-2.68	2.10	2.14	2	DWB
		Graphite C	$mol.kg^{-1}$	8	23	23	Phleger corer or Ekman dredge	frozen	APHA	NS	NS	0.42-1.30	0.82	0.82	2	DWB
		Cu	$mmol.kg^{-1}$	8	23	23	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.22-0.94	0.42	0.38	2	DWB
		Pb	$mmol.kg^{-1}$	8	23	23	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.08-0.17	0.12	0.11	2	DWB
		Zn	$mmol.kg^{-1}$	8	23	23	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.26-2.75	1.68	1.53	2	DWB
		Cd	$\mu mol.kg^{-1}$	8	23	23	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	1.76-13.34	5.60	2.67	2	DWB
		Ni	$mmol.kg^{-1}$	8	23	23	Phleger corer or Ekman dredge	frozen	AAS	NS	NS	0.44-0.97	0.84	0.56	2	DWB
76-0006	BOTTOM SEDIMENT (Cores 8-33 cm)	Cu	$mmol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	hot acid extraction; FAAS	±13.3%	NS	0.28-0.98	0.63	0.63	3	DWB
		Pb	$mmol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	hot acid extraction; FAAS	±103.5%	NS	0.07-0.28	0.14	0.13	2	DWB
		Zn	$mmol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	hot acid extraction; FAAS	±11.2%	NS	1.00-4.24	2.44	2.37	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
76-0008 (cont'd)		Ni	$mmol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	hot acid extraction; FAAS	±19.6%	NS	0.38-1.16	0.92	0.92	3	DWB
		Cr	$mmol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	hot acid extraction; FAAS	±13.4%	NS	0.54-5.00	1.12	8.23	3	
		Cd	$\mu mol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	hot acid extraction; FAAS	±29.1%	NS	9.4-24.0	9.7	13.8	3	
		Hg	$\mu mol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	H_2SO_4/HNO_3 digestion; CVAAS	±17.6%	NS	0.87-1.55	1.21	1.19	3	
		V	$mmol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	hot acid extraction; FAAS	±10.4%	NS	1.34-3.08	2.69	2.74	3	
		Ba	$mmol.kg^{-1}$	26	26	26	Phleger corer	frozen in plastic liners	XRF	±6.9%	NS	6.79-108.7	14.05	7.82	3	
	BIOTA (Benthos)	Cu	$mmol.kg^{-1}$	18	19	19	Ekman grab	frozen in plastic containers	$HNO_3/HClO_4$ digestion; GFAAS	NS	NS	0.34-1.39	0.74	0.72	2	
		Pb	$mmol.kg^{-1}$	18	19	19	Ekman grab	frozen in plastic containers	$HNO_3/HClO_4$ digestion; GFAAS	NS	NS	0.12-1.01	0.31	0.18	2	
		Zn	$mmol.kg^{-1}$	19	19	19	Ekman grab	frozen in plastic containers	$HNO_3/HClO_4$ digestion; GFAAS	NS	NS	1.03-4.24	1.53	1.36	2	
		Ni	$mmol.kg^{-1}$	18	19	19	Ekman grab	frozen in plastic containers	$HNO_3/HClO_4$ digestion; GFAAS	NS	NS	0.26-3.43	1.33	0.89	2	
		Cr	$mmol.kg^{-1}$	18	19	19	Ekman grab	frozen in plastic containers	$HNO_3/HClO_4$ digestion; GFAAS	NS	NS	0.30-5.63	1.99	1.16	2	
		Cd	$\mu mol.kg^{-1}$	18	19	19	Ekman grab	frozen in plastic containers	$HNO_3/HClO_4$ digestion; GFAAS	NS	NS	48.9-378.1	97.8	77.3	2	
		V	$mmol.kg^{-1}$	18	19	19	Ekman grab	frozen in plastic containers	$HNO_3/HClO_4$ digestion; GFAAS	NS	NS	0.62-5.75	1.85	1.08	2	
77-0001	SEA WATER	Turbidity as SiO_2	$mol.m^{-3}$	26	137	137	Van Dorn sampling bottle	1 L PVC bottles	Hellige turbidimeter	NS	NS	0.03-3.46	0.99	0.62	2	
77-0002	SEA WATER	O_2	$mol.m^{-3}$	12	24	24	NS	NS	Hach OX-10 oxygen kit	NS	NS	0.250-0.344	0.306	0.313	2	
		Turbidity	FTU	12	24	24	NS	NS	Hach Model 2100A turbidimeter	NS	NS	3.0-18.0	5.4	4.0	2	shaken
		Turbidity	FTU	12	24	24	NS	NS	Hach Model 2100A turbidimeter	NS	NS	0.3-1.5	0.7	0.7	2	settled

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0002 (cont'd)		SPM	$g.m^{-3}$	12	24	24	NS	NS	filtration; gravimetry	NS	NS	5.2-44.8	14.9	12.5	2	
		pH	pH units	12	24	24	NS	NS	radiometer pH meter	NS	NS	6.4-7.9	7.3	7.4	2	
77-0003	SEA WATER	O_2	$mol.m^{-3}$	18	184	184	Niskin PVC sampler	max 1 day after pickling	micro Winkler	$2.2x10^{-4}$	$8.9x10^{-4}$	0.213-0.464	0.319	0.306	4	
		PO_4	$mmol.m^{-3}$	18	200	200	Niskin PVC sampler	frozen unfiltered	Technicon Method 155-71W; AuA	±0.5	±3%	0.45-2.26	1.42	1.37	4	
		Si	$mmol.m^{-3}$	18	176	176	Niskin PVC sampler	frozen unfiltered	Technicon Method 186-72W; AuA	±0.3	±3%	2.0-34.8	16.7	14.6	4	
		NO_3	$mmol.m^{-3}$	18	200	181	Niskin PVC sampler	frozen unfiltered	Technicon Method 158-71W; AuA	±0.4	±2%	0.0-18.7	8.35	13.7	4	
		SPM	ppm v	18	167	167	Niskin PVC sampler	samples analysed upon collection	TA II Coulter Counter	NS	NS	0.0042-4.05	0.353	0.219	2	
		Hg	$nmol.m^{-3}$	18	52	50	acid-cleaned Niskin (PVC) sampler	50 mL HNO_3 + 2 mL 5% $K_2Cr_2O_7$ + 4°C	CVAAS	NS	NS	5-284	93	80	2	
	BOTTOM SEDIMENT (Cores 20-130 cm)	Fe	$mol.kg^{-1}$	13	140	140	Benthos Model 2171 gravity corer	core sections frozen in Whirlpak bags or core liners	acid digestion; AAS	NS	NS	0.27-1.38	0.63	0.57	2	DWB
		Mn	$mmol.kg^{-1}$	13	140	140	Benthos Model 2171 gravity corer	core sections frozen in Whirlpak bags or core liners	acid digestion; AAS	NS	NS	5.44-508	55.2	14.2	2	DWB
		Cu	$mmol.kg^{-1}$	13	140	140	Benthos Model 2171 gravity corer	core sections frozen in Whirlpak bags or core liners	acid digestion; AAS	NS	NS	0.21-0.80	0.33	0.35	2	DWB
		Zn	$mmol.kg^{-1}$	13	140	140	Benthos Model 2171 gravity corer	core sections frozen in Whirlpak bags or core liners	acid digestion; AAS	NS	NS	0.38-3.35	1.64	1.76	2	DWB
		Cr	$mmol.kg^{-1}$	6	83	83	Benthos Model 2171 gravity corer	core sections frozen in Whirlpak bags or core liners	acid digestion; AAS	NS	NS	0.24-4.9	0.48	0.35	2	DWB
		Pb	$\mu mol.kg^{-1}$	1	12	12	Benthos Model 2171 gravity corer	core sections frozen in Whirlpak bags or core liners	acid digestion; AAS	NS	NS	19.3-30.4	25.0	25.5	2	DWB
		Cd	$\mu mol.kg^{-1}$	1	12	12	Benthos Model 2171 gravity corer	core sections frozen in Whirlpak bags or core liners	acid digestion; AAS	NS	NS	1.8-4.4	2.9	2.5	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0003 (cont'd)		OC	mol.kg^{-1}	9	9	71	Benthos Model 2171 gravity corer	core sections frozen in Whirlpak bags or core liners	oxidation (acidic $K_2Cr_2O_7$; titration with Fe ammonium sulphate	NS	NS	0.06-1.46	0.78	0.79	2	DWB
77-0006	INTERTIDAL SEDIMENT (Surface Layer)	B(a)P	nmol.kg^{-1}	17	19	19	NS	frozen in plastic bags	TLC isolation from PAH + fluorimetry; or HPLC with UV and fluorescence detectors	ca±25%	NS	0.793-79.3	35.7	13.5	3	
77-0007	SEA WATER	Cu	µmol.m^{-3}	10	39	39	pump through acid-cleaned PE tubing	+ 1 mL HNO_3 (Aristar)	APDC/NaDDC/Freon extraction; FAAS	±27%	NS	4.72-55.1	12.8	9.4	3	samples not filtered
		Zn	µmol.m^{-3}	10	39	39	pump through acid-cleaned PE tubing	+ 1 mL HNO_3 (Aristar)	APDC/NaDDC/Freon extraction; FAAS	±3%	NS	3.06-52.0	17.0	13.8	3	samples not filtered
		Cd	µmol.m^{-3}	10	39	39	pump through acid-cleaned PE tubing	+ 1 mL HNO_3 (Aristar)	APDC/NaDDC/Freon extraction; FAAS	±14%	NS	0.18-0.98	0.35	0.44	3	samples not filtered
		Pb	µmol.m^{-3}	10	33	9	pump through acid-cleaned PE tubing	+ 1 mL HNO_3 (Aristar)	APDC/NaDDC/Freon extraction; FAAS	±15%	NS	<0.09-8.2	0.82	<0.09	3,0	samples not filtered; Note 2
		Cr	µmol.m^{-3}	10	39	39	pump through acid-cleaned PE tubing	+ 1 mL HNO_3 (Aristar)	APDC/NaDDC/Freon extraction; FAAS	±13%	NS	0.19-5.7	0.96	0.77	3	samples not filtered
		Hg	nmol.m^{-3}	10	33	33	pump through acid-cleaned PE tubing	+ 1 mL HNO_3 (Aristar)	hot oxidation; CVAAS	±10%	NS	7.0-87.2	40.9	35.4	2	samples not filtered
		Fe	µmol.m^{-3}	10	38	38	pump through acid-cleaned PE tubing	+ 1 mL HNO_3 (Aristar)	hot oxidation; CVAAS CVAAS	±22%	NS	18-3814	771	403	0	samples not filtered; Note 2
	BOTTOM SEDIMENT (Surface Layer)	Cu	mmol.kg^{-1}	36	204	204	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±4%	+20%	0.22-0.58	0.40	0.41	4	DWB
		Zn	mmol.kg^{-1}	36	204	204	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±3%	-2%	0.25-2.10	1.60	1.64	4	DWB
		Cd	µmol.kg^{-1}	36	204	0	Ponar grab	frozen	HF/aqua regia digestion; FAAS	NS	NS	-	<1.8	-	2	DWB
		Pb	µmol.kg^{-1}	36	204	14	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±15%	-6%	<14.5-54.5	16.4	<14.5	4	DWB
		Cr	mmol.kg^{-1}	36	204	204	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±4%	+20%	0.25-2.52	1.57	1.63	4	DWB
		Hg	µmol.kg^{-1}	36	204	204	Ponar grab	frozen	H_2SO_4/HNO_3 digestion; CVAAS	±5%	NS	0.19-0.53	0.35	0.37	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0007 (cont'd)		Fe	mmol.kg^{-1}	36	204	204	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±4%	+5%	0.48-0.92	0.74	0.76	4	DWB
	BIOTA (Fish)	Hg	μmol.kg^{-1}	1	26	11	gillnets	frozen	tissues homogenised; hot acid oxidation; CVAAS	±25%	NS	<0.05-0.20	0.07	<0.05	2	WWB; Note 4
		As	μmol.kg^{-1}	1	27	27	gillnets	frozen	tissues homogenised; $HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	±11%	-2%	6.1-49.0	20.9	19.0	2	WWB; Note 4
		Cd	μmol.kg^{-1}	1	27	27	gillnets	frozen	tissues homogenised; $HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	±70%	+23%, +15%	0.18-2.31	1.03	1.07	2	WWB; Note 4
		Cr	μmol.kg^{-1}	1	27	27	gillnets	frozen	tissues homogenised; $HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	±39%	NS	0.77-15.0	5.67	4.23	2	WWB; Note 4
		Pb	μmol.kg^{-1}	1	27	27	gillnets	frozen	tissues homogenised; $HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	±51%	+26%	1.45-7.72	2.99	2.90	2	WWB; Note 4
		Zn	mmol.kg^{-1}	1	27	27	gillnets	frozen	tissues homogenised; $HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	±11%	-7%, +2%	0.083-0.199	0.118	0.122	2	WWB; Note 4
	MACKENZIE RIVER WATER	Hg	μmol.m^{-3}	36	47	7	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	CVAAS	NS	NS	<0.25-4.49	0.41	<0.25	0	Note 2
		As (total)	μmol.m^{-3}	36	47	0	Van Dorn bottles	PE bottles + HCl method (APHA 104A)	arsine/AgDDC	NS	NS	-	<133	-	2	
		Cd (total)	μmol.m^{-3}	36	47	2	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	<8.9-26.7	9.3	<8.9	2	
		Cd (diss)	μmol.m^{-3}	2	2	0	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	-	<8.9	-	0	Note 2
		Cr (total)	μmol.m^{-3}	36	47	2	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	<38.5-57.8	38.9	<38.5	2	
		Cr (diss)	μmol.m^{-3}	4	4	1	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	<38.5-38.5	38.5	<38.5	0	Note 2
		Pb (total)	μmol.m^{-3}	36	47	23	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	<9.7-58.2	13.9	9.7	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0007 (cont'd)		Pb (diss)	µmol.m^{-3}	18	22	0	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	-	<9.7	-	0	Note 2
		Zn (total)	µmol.m^{-3}	36	48	48	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	137-1040	274	245	2	
		Zn (diss)	µmol.m^{-3}	36	47	26	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	<15.3-45.9	21.1	15.3	2	
	BOTTOM SEDIMENT (Cores to 60 cm)	Hg	µmol.kg^{-1}	36	131	131	Alpine gravity corer	frozen in plexiglass core tubes	H_2SO_4/HNO_3 digestion; cold vapour AAS	±18%	NS	0.005-0.47	0.23	0.24	3	DWB
		As	mmol.kg^{-1}	36	115	115	Alpine gravity corer	frozen in plexiglass core tubes	HCl digestion + arsine/AgDDC method (APHA 104A)	±36%	NS	0.027-0.101	0.65	0.69	3	DWB
		Cd	µmol.kg^{-1}	36	131	131	Alpine gravity corer	frozen in plexiglass core tubes	aqua regia digestion; FAAS	±41%	NS	1.8-25.8	11.8	12.4	3	DWB
		Cr	mmol.kg^{-1}	36	131	131	Alpine gravity corer	frozen in plexiglass core tubes	aqua regia digestion; FAAS	±15%	NS	0.079-0.56	0.21	0.17	3	DWB
		Pb	µmol.kg^{-1}	36	131	131	Alpine gravity corer	frozen in plexiglass core tubes	aqua regia digestion; FAAS	±24%	NS	38.6-121	85.6	86.9	3	DWB
		Zn	mmol.kg^{-1}	36	131	131	Alpine gravity corer	frozen in plexiglass core tubes	aqua regia digestion; FAAS	±9%	NS	0.49-2.19	1.31	1.35	3	DWB
	BIOTA (Miscellaneous Benthos)	Cu	mmol.kg^{-1}	28	28	28	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	±6%	NS	0.24-14.0	1.79	0.86	2	DWB
		Zn	mmol.kg^{-1}	28	26	26	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	±2%	NS	0.80-4.62	1.52	1.23	2	DWB; contaminated samples not included
		Cd	µmol.kg^{-1}	28	28	0	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	NS	NS	-	<2.7	-	2	DWB
		Pb	µmol.kg^{-1}	28	28	7	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	NS	NS	<14.5-140	22.2	<14.5	2	DWB
		Cr	mmol.kg^{-1}	28	27	27	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	NS	NS	0.19-0.73	0.37	0.35	2	DWB; contaminated samples not included
		Hg	µmol.kg^{-1}	28	28	28	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	±5%	NS	0.12-0.68	0.27	0.26	2	DWB
		Fe	mmol.kg^{-1}	28	28	28	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	±1%	NS	1.79-26.9	7.2	5.4	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0008	SEA WATER (Netserk F-40)	Hg	µmol.m^{-3}	46	65	11	Van Dorn bottles	PE bottles + HNO$_3$ + AuCl$_4$	CVAAS	NS	NS	<0.25-3.39	0.35	0.25	0	NPG; Note 2
		As (total)	µmol.m^{-3}	46	61	0	Van Dorn bottles	PE bottles + HCl	arsine/AgDDC method (APHA 104A)	NS	NS	-	<133	-	2	
		Cd (total)	µmol.m^{-3}	46	61	7	Van Dorn bottles	PE bottles + HNO$_3$ + AuCl$_4$	APDC/MIBK extraction; FAAS	NS	NS	<8.9-115.7	10.5	<8.9	2	
		Cd (diss)	µmol.m^{-3}	7	7	1	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	<8.9-8.9	8.9	<8.9	2	
		Cr (diss)	µmol.m^{-3}	46	61	1	Van Dorn bottles	PE bottles + HNO$_3$ + AuCl$_4$	APDC/MIBK extraction; FAAS	NS	NS	-	76.9	-	0	cleaning procedures for sampler and storage bottles unspecified
		Cr (total)	µmol.m^{-3}	1	1	0	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	<38.5-76.9	39.1	<38.5	2	
		Pb (total)	µmol.m^{-3}	46	61	21	Van Dorn bottles	PE bottles + HNO$_3$ + AuCl$_4$	APDC/MIBK extraction; FAAS	NS	NS	<9.7-33.8	11.4	<9.7	2	
		Pb (diss)	µmol.m^{-3}	22	22	0	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	-	<9.7	-	0	Note 2
		Zn (total)	µmol.m^{-3}	46	61	61	Van Dorn bottles	PE bottles + HNO$_3$ + AuCl$_4$	APDC/MIBK extraction; FAAS	NS	NS	61.2-214.2	231	183	2	
		Zn (diss)	µmol.m^{-3}	46	61	47	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	15.5-122.4	82.2	61.2	0	Note 2
	BOTTOM SEDIMENT (Cores to 60 cm)	Hg	µmol.kg^{-1}	47	198	198	Alpine gravity corer	frozen in plexiglass core tubes	hot acid oxidation; cold vapour AAS	±18%	NS	0.005-35.6	1.25	0.35	3	DWB
		As	mmol.kg^{-1}	47	207	207	Alpine gravity corer	frozen in plexiglass core tubes	HCl digestion + Arsine/AgDDC method (APHA 104A)	±32%	NS	0.039-0.51	0.14	0.13	3	DWB
		Cd	µmol.kg^{-1}	47	204	204	Alpine gravity corer	frozen in plexiglass core tubes	aqua regia digestion; FAAS	±22%	NS	0.18-55.2	10.2	8.9	3	DWB
		Cr	mmol.kg^{-1}	47	205	205	Alpine gravity corer	frozen in plexiglass core tubes	aqua regia digestion; FAAS	±15%	NS	0.20-0.97	0.13	0.12	3	DWB
		Pb	µmol.kg^{-1}	47	205	205	Alpine gravity corer	frozen in plexiglass core tubes	aqua regia digestion; FAAS	±18%	NS	8.2-2610	133	101	3	DWB
		Zn	mmol.kg^{-1}	47	205	205	Alpine gravity corer	frozen in plexiglass core tubes	aqua regia digestion; FAAS	±5%	NS	0.47-20.8	2.21	1.87	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0008 (cont'd)	BIOTA (Miscellaneous Benthos)	Hg	µmol.kg^{-1}	33	68	44	Ponar grab	formalin (some benthos purged)	hot acid oxidation; cold vapour AAS	ca±25%	NS	0.05-2.44	0.24	0.10	2	WWB; Note 4
		As	mmol.kg^{-1}	33	62	62	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±11%	-2%	0.002-0.035	0.020	0.021	2	WWB; Note 4
		Cd	µmol.m^{-3}	33	63	63	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±70%	+23%, +15%	5.3-36.5	21.3	22.2	2	WWB; Note 4
		Cr	mmol.kg^{-1}	33	63	59	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±39%	NS	<0.002-0.110	0.030	0.027	2	WWB; Note 4
		Pb	µmol.kg^{-1}	33	63	60	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±51%	+26%	<0.48-17.86	6.77	5.79	2	WWB; Note 4
		Zn	mmol.kg^{-1}	33	63	63	Ponar grab	frozen	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±11%	-7%, +2%	0.076-0.64	0.49	0.51	2	WWB; Note 4
	SEA WATER (Isaerk F-27)	Hg	µmol.m^{-3}	36	42	0	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	CVAAS	NS	NS	-	<0.25	-	0	NPG; Note 2
		As (total)	µmol.m^{-3}	36	42	0	Van Dorn bottles	PE bottles + HCl	arsine/AgDDC method (APHA 104A)	NS	NS	-	<133	-	2	
		Cd (total)	µmol.m^{-3}	36	42	0	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	-	<8.9	-	2	
		Cr (total)	µmol.m^{-3}	36	42	10	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	<38.5-57.7	44.2	<38.5	2	
		Cr (diss)	µmol.m^{-3}	10	10	1	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	<38.5-38.5	38.5	<38.5	0	Note 2
		Pb (total)	µmol.m^{-3}	36	42	11	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	<9.7-29.0	15.3	<9.7	2	
		Pb (diss)	µmol.m^{-3}	10	11	6	Van Dorn bottles	PE bottles	APDC/MIBK extraction; FAAS	NS	NS	<9.7-19.4	11.8	<9.7	0	Note 4
		Zn (total)	µmol.m^{-3}	36	42	42	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	30.6-1178	178.8	99.4	2	
		Zn (diss)	µmol.m^{-3}	36	42	42	Van Dorn bottles	PE bottles + HNO_3 + $AuCl_4$	APDC/MIBK extraction; FAAS	NS	NS	15.3-428.4	75.5	45.9	0	Note 2

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0008 (cont'd)	BOTTOM SEDIMENT (Cores to 60 cm)	Hg	$\mu mol.kg^{-1}$	31	137	137	Alpine gravity corer	frozen in plexiglass core liners	hot acid oxidation; cold vapour AAS	±18%	NS	0.035-0.69	0.31	0.34	3	DWB
		As	$mmol.kg^{-1}$	31	122	122	Alpine gravity corer	frozen in plexiglass core liners	HCl digestion + Arsine/AgDDC method (APHA 104A)	±36%	NS	0.036-0.69	0.13	0.13	3	DWB
		Cd	$\mu mol.m^{-3}$	31	134	134	Alpine gravity corer	frozen in plexiglass core liners	aqua regia digestion; FAAS	±41%	NS	1.8-21.4	11.8	11.6	3	DWB
		Cr	$mmol.kg^{-1}$	31	134	134	Alpine gravity corer	frozen in plexiglass core liners	aqua regia digestion; FAAS	±15%	NS	0.085-1.96	0.45	0.40	3	DWB
		Pb	$\mu mol.kg^{-1}$	31	135	133	Alpine gravity corer	frozen in plexiglass core liners	aqua regia digestion; FAAS	±24%	NS	9.7-135.1	100.0	106.2	3	DWB
		Zn	$mmol.kg^{-1}$	31	134	134	Alpine gravity corer	frozen in plexiglass core liners	aqua regia digestion; FAAS	±9%	NS	0.20-2.14	1.55	1.70	3	DWB
	BIOTA (Benthos)	Hg	$\mu mol.kg^{-1}$	18	41	40	Ponar grab	formalin (some benthos purged)	hot acid oxidation; cold vapour AAS	ca±25%	NS	<0.05-0.45	0.14	0.05	2	WWB; Note 4
		As	$\mu mol.kg^{-1}$	18	41	24	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±11%	-2%	<0.13-28.0	12.1	10.7	2	WWB; Note 4
		Cd	$\mu mol.kg^{-1}$	18	41	41	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±70%	+23%, -15%	1.8-44.4	12.26	10.68	2	WWB; Note 4
		Cr	$mmol.kg^{-1}$	18	41	39	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±39%	NS	<0.002-0.112	0.040	0.038	2	WWB; Note 4
		Pb	$\mu mol.kg^{-1}$	18	41	35	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±51%	+26%	<0.48-30.4	5.95	4.83	2	WWB; Note 4
		Zn	$mmol.kg^{-1}$	18	41	41	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±11%	-7%, +2%	0.21-1.10	0.40	0.34	2	WWB; Note 4
		Hg	$\mu mol.kg^{-1}$	6	7	7	Ponar grab	formalin (some benthos purged)	H_2SO_4/HNO_3 digestion; cold vapour AAS	ca±25%	NS	0.05-8.87	2.00	0.35	2	WWB; Note 4
		As	$\mu mol.kg^{-1}$	6	5	5	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±11%	-2%	7.3-29.0	17.7	18.4	2	WWB; Note 4

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0008 (cont'd)		Cd	μmol.kg^{-1}	6	5	5	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±70%	+23%	7.1-12.5	9.8	9.8	2	WWB; Note 4
		Cr	mmol.kg^{-1}	6	5	5	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±39%	NS	0.044-0.146	0.088	0.085	2	WWB; Note 4
		Pb	μmol.kg^{-1}	6	5	5	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±51%	+26%	0.48-20.2	11.4	11.6	2	WWB; Note 4
		Zn	mmol.kg^{-1}	6	5	5	Ponar grab	formalin (some benthos purged)	$HNO_3/HClO_4/H_2SO_4$ digestion at 210°C; FAAS	ca±11%	-7%, +2%	0.47-1.90	1.19	1.12	2	WWB; Note 4
	(Channel Fish)	Hg	μmol.kg^{-1}	8	77	46	gillnets	frozen	H_2SO_4/HNO_3 digestion; cold vapour AAS	±25%	NS	<0.05-1.59	0.25	0.10	2	WWB; Note 4
		As	μmol.kg^{-1}	8	77	65	gillnets	frozen	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±11%	-2%	<0.13-62.5	12.3	2.5	2	WWB; Note 4
		Cd	μmol.kg^{-1}	8	77	76	gillnets	frozen	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±70%	+23%, +15%	<0.19-1.69	0.68	0.53	2	WWB; Note 4
		Cr	μmol.kg^{-1}	8	77	71	gillnets	frozen	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±39%	NS	<0.09-1.69	0.66	0.53	2	WWB; Note 4
		Pb	μmol.kg^{-1}	8	77	72	gillnets	frozen	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±51%	+26%	<0.48-3.38	1.81	1.93	2	WWB; Note 4
		Zn	μmol.kg^{-1}	8	77	77	gillnets	frozen	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±11%	-7%, +2%	46.2-150.1	81.2	80.5	2	WWB; Note 4
77-0009	SEA WATER	O_2	mol.m^{-3}	16	384	384	in situ	N/A	YSI Model 54 oxygen probe	NS	NS	0.262-0.318	0.316	0.321	2	calibration samples by WT
		Alk_t	g.m^{-3}	16	96	96	Van Dorn bottles	NS	Hach kit (titration)	NS	NS	75-123	103	103	2	
		NO_3	mmol.m^{-3}	16	96	96	Van Dorn bottles	samples frozen at -20°C in plastic bottles	spectrophotometry (AuA)	NS	NS	0.071-4.07	0.93	0.64	2	
		NO_2	mmol.m^{-3}	16	96	61	Van Dorn bottles	samples frozen at -20°C in plastic bottles	spectrophotometry (AuA)	NS	NS	<0.071-0.57	0.17	0.07	2	
		NH_3	mmol.m^{-3}	16	96	72	Van Dorn bottles	1 mL/L H_2SO_4 (conc.)	spectrophotometry (AuA)	NS	NS	1.42-10.0	2.46	2.14	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0009 (cont'd)		PO_4 (total)	mmol.m^{-3}	16	96	96	Van Dorn bottles	1 mL/L H_2SO_4 (conc.)	spectrophotometry (AuA)	NS	NS	0.097-25.5	1.9	1.4	0	Note 2
		Si	mmol.m^{-3}	16	96	96	Van Dorn bottles	samples frozen at -20°C in plastic bottles	spectrophotometry (AuA)	NS	NS	0.8-12.4	5.9	4.7	2,0	Note 3
		SPM	g.m^{-3}	16	96	96	Van Dorn bottles	Petri dishes (filtration in field)	gravimetry (GF/C filters)	NS	NS	1.9-455.5	52.4	31.5	2	
	BOTTOM SEDIMENT (Surface Layer)	TC	mol.kg^{-1}	16	31	31	Ponar grab	frozen	LECO induction furnace/IR	NS	NS	0.54-2.58	1.87	2.08	2	
		OC	mol.kg^{-1}	16	31	31	Ponar grab	frozen	LECO induction furnace/IR	NS	NS	0.16-1.60	0.90	1.06	2	
77-0010	SEA WATER	Cd	µmol.m^{-3}	4	8	8	Niskin PVC sampler	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	0.89-34.7	21.4	21.8	0	improper sampling, storage
		Cr	µmol.m^{-3}	4	8	8	Niskin PVC sampler	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	9.6-162	92.5	85.6	0	improper sampling, storage
		Cu	µmol.m^{-3}	4	8	8	Niskin PVC sampler	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	12.6-653	213	157	0	improper sampling, storage
		Pb	µmol.m^{-3}	4	8	8	Niskin PVC sampler	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	0.48-145	17.8	35.7	0	improper sampling, storage
		Zn	µmol.m^{-3}	4	8	8	Niskin PVC sampler	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	62.7-4130	3161	3755	0	improper sampling, storage
		Fe	µmol.m^{-3}	4	8	8	Niskin PVC sampler	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	23.3-304	197	251	0	improper sampling, storage
		Ni	µmol.m^{-3}	4	8	8	Niskin PVC sampler	Mason jars	NaDDC/MIBK extraction; FAAS	±5%	NS	32.4-545	300	324	0	improper sampling, storage
		Hg	µmol.m^{-3}	4	8	8	Niskin PVC sampler	Mason jars	hot oxidation; cold vapour AAS	NS	NS	0.065-3988	499	<0.75	0	improper sampling, storage
		Ca	mol.m^{-3}	4	16	16	Niskin PVC sampler	Mason jars	EDTA titration	ca±2.5%	NS	1.85-8.91	6.03	7.46	0	improper sampling, storage
		Mg	mol.m^{-3}	4	16	16	Niskin PVC sampler	Mason jars	EDTA titration	ca±5%	NS	0.24-21.3	11.1	13.5	0	improper sampling, storage
		Na	mol.m^{-3}	4	16	16	Niskin PVC sampler	Mason jars	calculated dif. (total cations-K)	ca±7%	NS	304.9-481.0	398.1	398.9	0	improper sampling, storage

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0010 (cont'd)		K	mol.m^{-3}	4	16	16	Niskin PVC sampler	Mason jars	FAAS	ca±6%	NS	3.58-11.0	7.62	9.08	0	improper sampling, storage
		SO_4	mol.m^{-3}	4	16	16	Niskin PVC sampler	Mason jars	precipitation as $BaSO_4$; gravimetry	ca±20%	NS	0.312-29.5	15.3	19.4	0	improper sampling, storage
		Sulphide	mmol.m^{-3}	4	16	0	Niskin PVC sampler	Mason jars	spectrophotometry	ca±2.5%	NS	-	<1.56	-	0	improper sampling, storage
		Ba	mmol.m^{-3}	4	16	16	Niskin PVC sampler	Mason jars	plasma AA	ca±10%	NS	0.028-29.1	8.76	0.491	0	improper sampling, storage
	SEDIMENT (drilling fluid pore water)	Cd	µmol.m^{-3}	4	10	10	air lift pipe	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	3.56-52.5	24.8	21.4	0	improper sampling, storage
		Cr	µmol.m^{-3}	4	10	10	air lift pipe	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	19.2-119	45.8	39.4	0	improper sampling, storage
		Cu	µmol.m^{-3}	4	10	10	air lift pipe	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	92.9-1202	522	4.56	0	improper sampling, storage
		Pb	µmol.m^{-3}	4	10	10	air lift pipe	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	29.4-176	77.4	48.7	0	improper sampling, storage
		Zn	µmol.m^{-3}	4	10	10	air lift pipe	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	229-4176	2201	2096	0	improper sampling, storage
		Fe	µmol.m^{-3}	4	10	10	air lift pipe	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	71.6-7126	1590	224	0	improper sampling, storage
		Ni	µmol.m^{-3}	4	10	10	air lift pipe	Mason jars	NaDDC/MIBK extraction; FAAS	NS	NS	30.7-923	389	137	0	improper sampling, storage
		Hg	µmol.m^{-3}	4	10	9	air lift pipe	Mason jars	hot oxidation; cold vapour AAS	NS	NS	<0.75-4.99	1.17	<0.75	0	improper sampling, storage
	BOTTOM SEDIMENT (Surface Layer)	Cd	µmol.kg^{-1}	4	14	14	air lift pipe	Mason jars	aqua regia/HF digestion; FAAS	NS	NS	0.89-3.47	17.1	15.6	2	improper sampling, storage
		Cr	mmol.kg^{-1}	4	14	14	air lift pipe	Mason jars	aqua regia/HF digestion; FAAS	NS	NS	0.123-0.611	0.359	0.354	2	improper sampling, storage
		Cu	mmol.kg^{-1}	4	14	14	air lift pipe	Mason jars	aqua regia/HF digestion; FAAS	NS	NS	0.049-0.393	0.211	0.213	2	improper sampling, storage
		Pb	µmol.kg^{-1}	4	14	14	air lift pipe	Mason jars	aqua regia/HF digestion; FAAS	NS	NS	0.039-0.127	0.089	0.076	2	improper sampling, storage

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
77-0010 (cont'd)		Zn	$mmol.kg^{-1}$	4	14	14	air lift pipe	Mason jars	aqua regia/HF digestion; FAAS	NS	NS	0.211-2.937	0.490	0.265	2	improper sampling, storage
		Fe	$mol.kg^{-1}$	4	14	14	air lift pipe	Mason jars	aqua regia/HF digestion; FAAS	NS	NS	2.18-0.756	0.494	0.492	2	improper sampling, storage
		Ni	$mmol.kg^{-1}$	4	14	14	air lift pipe	Mason jars	aqua regia/HF digestion; FAAS	NS	NS	0.085-0.325	0.212	0.192	2	improper sampling, storage
		Hg	$\mu mol.kg^{-1}$	4	14	12	air lift pipe	Mason jars	aqua regia/HF digestion; FAAS	NS	NS	<0.05-0.977	0.302	0.7	2	improper sampling, storage
78-0002	SEA WATER	Fe	$mmol.m^{-3}$	24	97	97	pumping through acid-cleaned PE tubing	in Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±5%	+4%	0.032-3.56	0.45	0.28	0	NPG; Note 2
		Cu	$\mu mol.m^{-3}$	24	97	97	pumping through acid-cleaned PE tubing	in Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±12%	+3%	1.57-12.75	5.98	5.51	4	
		Zn	$\mu mol.m^{-3}$	24	97	93	pumping through acid-cleaned PE tubing	in Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±4%	-1%	<4.59-85.7	20.2	13.8	4,0	Note 2
		Cd	$\mu mol.m^{-3}$	24	97	97	pumping through acid-cleaned PE tubing	in Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±3%	-2%	0.089-1.42	0.60	0.53	4	
		Ni	$\mu mol.m^{-3}$	24	97	97	pumping through acid-cleaned PE tubing	in Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±6%	-5%	2.56-57.9	18.4	27.4	4	
		Cr	$\mu mol.m^{-3}$	24	97	81	pumping through acid-cleaned PE tubing	in Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±15%	-63%	<0.19-37.5	3.46	0.577	4	
		Pb	$\mu mol.m^{-3}$	24	97	71	pumping through acid-cleaned PE tubing	in Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±8%	0%	<0.048-68.1	3.28	0.962	0	Note 2
		Hg	$\mu mol.m^{-3}$	24	59	59	pumping through acid-cleaned PE tubing	in hot, oxidized Pyrex glass	hot oxidation; CVAAS	±5%	-19%, +24%	0.005-0.469	0.434	0.015	4,0	Note 2
		Ba	$mmol.m^{-3}$	24	84	84	pumping through acid-cleaned PE tubing	in Patterson-cleaned PE bottles + NBS HCl	HF/MIBK extraction; FAAS	±17%	+10%	0.029-1.70	0.238	0.218	4	
		Na	$mol.m^{-3}$	24	97	97	Niskin PVC sampler	PE bottles at 4°C	FAAS	±4%	-3%	319-449	409	419	4	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
78-0002 (cont'd)		K	$mol.m^{-3}$	24	97	97	Niskin PVC sampler	PE bottles at 4°C	FAAS	±3%	+1.5%	6.93-10.05	8.95	9.18	4	
		Mg	$mol.m^{-3}$	24	97	97	Niskin PVC sampler	PE bottles at 4°C	FAAS	±3%	-2.5%	29.69-50.90	45.72	47.12	4	
		Ca	$mol.m^{-3}$	24	97	97	Niskin PVC sampler	PE bottles at 4°C	FAAS	±2%	-1.7%	7.16-10.1	8.88	9.06	4	
		SO_4	$mol.m^{-3}$	24	97	97	Niskin PVC sampler	PE bottles at 4°C	EDTA titration	±3%	-0.8%	18.79-31.18	25.35	25.66	4	
		O_2	$mol.m^{-3}$	24	38	38	Niskin PVC sampler	Winkler flask	micro WT	±0.001 $mol.m^{-3}$	NS	0.113-0.459	0.336	0.319	4	
		pH	pH units	24	49	49	Niskin PVC sampler	glass bottles	pH meter	±0.05 unit	NS	7.70-8.25	7.94	7.90	3	
	BOTTOM SEDIMENT (Surface Layer)	Fe	$mol.kg^{-1}$	26	124	124	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±3.6%	+3%	0.131-0.586	0.414	0.440	4	DWB
		Cu	$mmol.kg^{-1}$	26	124	124	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±0.6%	-1%	0.092-0.730	0.419	0.447	4	DWB
		Zn	$mmol.kg^{-1}$	26	124	124	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1.5%	-2%, -4%	0.535-3.33	1.89	2.02	4	DWB
		Cr	$mmol.kg^{-1}$	26	124	124	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±4.4%	-10%, +1%	1.00-5.46	2.71	2.39	4	DWB
		Ni	$mmol.kg^{-1}$	26	124	124	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±11%	+20%, -15%	0.187-2.23	1.09	1.16	4	DWB
		Pb	$mmol.kg^{-1}$	26	124	32	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±7.4%	-3%	0.014-0.082	0.034	<0.029	4	DWB
		Cd	$\mu mol.kg^{-1}$	26	124	124	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6.3%	NS	19.6-66.7	40.9	41.8	3	DWB
		Hg	$\mu mol.kg^{-1}$	26	124	124	Ponar grab	frozen	H_2SO_4/HNO_3 digestion	±4%	NS	0.120-0.658	0.369	0.389	3	DWB
		Ba	$mmol.kg^{-1}$	26	124	124	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±21%	-4%	0.53-6.06	1.81	1.01	2	high blank
		Fe	$mol.kg^{-1}$	26	123	123	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±8%	NS	0.039-0.480	0.233	0.254	3	DWB
		Cu	$mmol.kg^{-1}$	26	123	123	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±5%	NS	0.028-0.45	0.16	0.15	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
78-0002 (cont'd)		Zn	$mmol.kg^{-1}$	26	123	123	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±3%	NS	0.19-2.35	0.95	0.94	3	DWB
		Cr	$mmol.kg^{-1}$	26	123	123	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±13%	NS	0.015-0.19	0.12	0.037	3	DWB
		Ni	$mmol.kg^{-1}$	26	123	123	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±4%	NS	0.051-0.34	0.17	0.20	3	DWB
		Pb	$\mu mol.kg^{-1}$	26	122	122	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±7%	NS	4.8-32.8	20.3	21.2	3	DWB
		Cd	$\mu mol.kg^{-1}$	26	123	88	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±10%	NS	<0.44-13.3	2.6	2.7	3	DWB
		Hg	$\mu mol.kg^{-1}$	24	122	112	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±25%	NS	0.12-0.66	0.37	0.39	3	DWB
		Ba	$mmol.kg^{-1}$	24	112	112	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±15%	NS	0.53-6.08	1.181	1.01	3	DWB
	BIOTA (Benthos)	Cu	$mmol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; GFAAS	±5%	NS	1.02-6.58	2.61	2.14	2	DWB
		Zn	$mmol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	±2%	-5%	0.78-2.82	1.45	1.44	2	DWB
		Cd	$\mu mol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; GFAAS	±5%	NS	1.9-21.6	8.6	6.1	2	DWB
		Pb	$\mu mol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; GFAAS	±8%	+13%	1.5-8.9	4.7	4.7	2	DWB
		Cr	$mmol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; GFAAS	±5%	NS	0.02-0.87	0.21	0.18	2	DWB
		Ni	$mmol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; GFAAS	±6%	NS	0.02-0.20	0.08	0.09	2	DWB
		Hg	$\mu mol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; GFAAS	±7%	-6%	0.19-0.36	0.27	0.26	2	DWB
		Fe	$mmol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; FAAS	±2%	NS	2.7-78.5	30.8	19.0	2	DWB
		Ba	$mmol.kg^{-1}$	7	12	12	Ponar grab	frozen (gut not purged)	HNO_3 digestion; GFAAS	±14%	NS	0.17-4.55	1.02	0.56	2	DWB
78-0018	SEA WATER	Fe	$mmol.m^{-3}$	1	9	9	pump through acid-cleaned PE tubing	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; FAAS	±5%	+4%	0.32-2.18	1.02	0.57	0	NPG; Note 2

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
78-0018 (cont'd)		Cu	µmol.m^{-3}	1	9	9	pump through acid-cleaned PE tubing	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±12%	+3%	3.46-15.4	9.28	9.28	4	
		Zn	µmol.m^{-3}	1	9	9	pump through acid-cleaned PE tubing	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±4%	-1%	12.2-42.8	21.4	13.8	4	
		Cd	µmol.m^{-3}	1	9	9	pump through acid-cleaned PE tubing	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±3%	-2%	0.27-0.54	0.41	0.36	4	
		Ni	µmol.m^{-3}	1	9	9	pump through acid-cleaned PE tubing	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±6%	-63%	6.30-17.5	12.4	13.1	4	
		Cr	µmol.m^{-3}	1	9	9	pump through acid-cleaned PE tubing	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±15%	-5%	1.53-7.89	4.04	4.04	4	
		Pb	µmol.m^{-3}	1	9	9	pump through acid-cleaned PE tubing	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±8%	±0%	0.23-1.17	0.58	0.37	4	
		Hg	µmol.m^{-3}	1	9	9	pump through acid-cleaned PE tubing	hot oxidized Pyrex bottles	CVAAS	±5%	-19%, +24%	0.010-0.018	0.014	0.015	4	
		pH	pH units	1	3	3	Niskin PVC sampler	rinsed PE bottles	pH meter	NS	NS	7.70-8.00	7.80	7.70	2	
		Na	mol.m^{-3}	1	9	9	Niskin PVC sampler	rinsed PE bottles	FAAS	±4%	-3%	283-443	388	439	4	
		Mg	mol.m^{-3}	1	9	9	Niskin PVC sampler	rinsed PE bottles	FAAS	±3%	-2.5%	32.3-48.5	42.9	47.5	4	
		K	mol.m^{-3}	1	9	9	Niskin PVC sampler	rinsed PE bottles	FAAS	±3%	+1.5%	6.06-10.0	8.60	9.64	4	
		Ca	mol.m^{-3}	1	9	9	Niskin PVC sampler	rinsed PE bottles	FAAS	±2%	-1.7%	6.16-9.96	8.46	9.28	4	
		SO_4	mol.m^{-3}	1	9	9	Niskin PVC sampler	rinsed PE bottles	precip. as $BaSO_4$; gravimetry	±10%	-0.8%	17.7-26.8	23.6	26.2	4	
	BOTTOM SEDIMENT (Surface Layer)	Fe	mol.kg^{-1}	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±3.6%	-1%, 3%	0.467-0.503	0.494	0.496	4	
		Cu	mmol.kg^{-1}	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±0.6%	0%, -1%	0.44-0.50	0.48	0.49	4	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
78-0018 (cont'd)		Zn	mmol.kg^{-1}	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1.5%	-2%, -4%	2.07-2.17	2.12	2.11	4	
		Cr	mmol.kg^{-1}	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±4.4%	-10%, +1%	2.13-3.00	2.63	2.64	4	
		Ni	mmol.kg^{-1}	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±11%	+20%	1.47-2.03	1.70	1.69	4	
		Pb	µmol.kg^{-1}	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±7.9%	-3%	48-68	60	60	4	
		Cd	µmol.kg^{-1}	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6.3%	NS	18-24	20	20	3	
		Hg	µmol.kg^{-1}	4	20	20	Ponar grab	frozen	H_2SO_4/NO_3 digestion; CVAAS	±4%	NS	0.37-0.45	0.41	0.41	3	
		Fe	mol.kg^{-1}	4	20	20	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±8%	NS	0.116-0.158	0.134	0.133	3	DWB
		Cu	mmol.kg^{-1}	4	20	20	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±5%	NS	0.22-0.38	0.32	0.33	3	DWB
		Zn	mmol.kg^{-1}	4	20	20	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±3%	NS	0.81-1.21	1.00	1.02	3	
		Cr	mmol.kg^{-1}	4	20	20	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±13%	NS	0.04-0.09	0.07	0.09	3	DWB
		Ni	mmol.kg^{-1}	4	20	20	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±4%	NS	0.12-0.27	0.18	0.17	3	DWB
		Pb	µmol.kg^{-1}	4	20	20	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±7%	NS	29-58	48	48	3	DWB
		Cd	µmol.kg^{-1}	4	20	20	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±10%	NS	-	<0.4	-	3	DWB
		Hg	µmol.kg^{-1}	4	20	20	Ponar grab	frozen	24 h leach with 0.5 N HCl; FAAS	±25%	NS	1-5	2	1.7	3	DWB
	BIOTA (Benthos)	Fe	mmol.kg^{-1}	1	2	2	Ponar grab	frozen after gut contents purged; 24 h	HNO_3 digestion; FAAS	±2%	NS	0.72-4.12	2.42	-	3	DWB
		Cu	mmol.kg^{-1}	1	2	2	Ponar grab	frozen after gut contents purged; 24 h	HNO_3 digestion; GFAAS	±5%	NS	0.30-0.91	0.61	-	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
76-0018 (cont'd)		Zn	$mmol.kg^{-1}$	1	2	2	Ponar grab	frozen after gut contents purged; 24 h	HNO_3 digestion; FAAS	±2%	-5%	1.07-1.02	1.05	-	4	DWB
		Cr	$mmol.kg^{-1}$	1	2	2	Ponar grab	frozen after gut contents purged; 24 h	HNO_3 digestion; GFAAS	±5%	NS	0.21-0.18	0.20	-	3	
		Ni	$mmol.kg^{-1}$	1	2	2	Ponar grab	frozen after gut contents purged; 24 h	HNO_3 digestion; GFAAS	±6%	NS	0.15-0.09	0.12	-	3	
		Pb	$\mu mol.kg^{-1}$	1	2	2	Ponar grab	frozen after gut contents purged; 24 h	HNO_3 digestion; GFAAS	±8%	+13%	2.6-2.7	2.7	-	4	
		Cd	$\mu mol.kg^{-1}$	1	2	2	Ponar grab	frozen after gut contents purged; 24 h	HNO_3 digestion; GFAAS	±5%	NS	14.9-9.0	12.5	-	3	
		Hg	$\mu mol.kg^{-1}$	1	2	2	Ponar grab	frozen after gut contents purged; 24 h	HNO_3 digestion; CVAAS	±7%	-6%	0.30-0.23	0.27	-	4	
76-0019	SEA WATER	Fe	$mmol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; FAAS	±5%	+4%	0.12-14.99	4.15	1.06	4,0	Note 2
		Cu	$\mu mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; FAAS	±12%	+3%	3.77-87.3	24.9	20.5	4,0	Note 2
		Zn	$\mu mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; FAAS	±3%	-2%	0.89-20.5	11.1	12.0	4,0	Note 2
		Cd	$\mu mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; FAAS	±3%	-2%	0.89-20.5	11.1	12.0	4,0	Note 2
		Ni	$\mu mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±6%	-5%	17.0-1068	373	336	4,0	Note 2
		Cr	$\mu mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±15%	-63%	<0.19-4.42	1.73	1.54	0	Note 2
		Pb	$\mu mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±8%	±0%	0.097-4.87	1.88	1.30	4	Note 2

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
78-0019 (cont'd)		Hg	$\mu mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	hot oxidation; CVAAS	±5%	-9%, +24%	0.015-0.947	0.135	0.040	0	Note 2
		Na	$mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	FAAS	±4%	-3.0%	326.8-413.1	375.3	383.4	4	
		K	$mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	FAAS	±3%	+1.5%	7.06-8.87	8.21	8.36	4	
		Mg	$mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	FAAS	±3%	-2.5%	37.27-47.63	43.40	43.60	4	
		Ca	$mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	FAAS	±2%	-1.7%	8.06-10.20	9.28	9.41	4	
		SO_4	$mol.m^{-3}$	3	33	33	acid-cleaned PE tubing/pump	Patterson-cleaned PE bottles + NBS HCl	titration with EDTA	±3%	-0.8%	30.43-70.39	49.57	55.04	4	
		pH	pH units	2	6	6	Niskin bottle	glass bottles	pH meter	NS	NS	7.85-8.25	8.00	7.98	2	
		O_2	$mol.m^{-3}$	2	6	6	Niskin bottle	Winkler flask	micro Winkler	±0.0007	NS	0.198-0.330	0.277	0.282	4	
	BOTTOM SEDIMENT	Fe	$mol.kg^{-1}$	2	10	10	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±3.6%	+3%, -1%	0.073-0.098	0.081	0.073	4	DWB
		Cu	$mmol.kg^{-1}$	2	10	10	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±0.6%	0%, -1%	0.036-0.047	0.042	0.042	4	DWB
		Zn	$mmol.kg^{-1}$	2	10	10	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1.5%	-2%, -4%	0.22-0.34	0.27	0.29	4	DWB
		Cr	$mmol.kg^{-1}$	2	10	10	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±4.4%	-10%, +1%	0.031-1.70	0.88	1.00	4	DWB
		Ni	$mmol.kg^{-1}$	2	10	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±11%	+20%, -15%	-	<0.14	-	2	DWB
		Pb	$\mu mol.kg^{-1}$	2	10	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±7.4%	-3%, +10%	-	<19.3	-	2	DWB
		Cd	$\mu mol.kg^{-1}$	2	10	10	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6.3%	NS	12.5-16.0	13.3	12.5	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
78-0019 (cont'd)		Hg	µmol.kg^{-1}	2	10	10	Ponar grab	frozen	H_2SO_4/HNO_3 digestion; CVAAS	±4%	NS	0.035-0.050	0.042	0.042	3	DWB
78-0031	SEA WATER	Susp C	mmol.m^{-3}	34	66	66	NS	filtered	NS	NS	NS	6.66-125	35.8	19.1	2	
		Susp N	mmol.m^{-3}	34	66	66	NS	filtered	NS	NS	NS	0.785-10.3	3.66	2.0	2	
		TSS	mmol.m^{-3}	34	67	67	NS	filtered	NS	NS	NS	4.00-49.0	17.6	17.0	2	
79-0005	SEA WATER	SPM	g.m^{-3}	21	45	45	Niskin bottle	PE bottles	filtration (0.4 µm); gravimetry	NS	NS	0.10-16.38	1.49	0.39	2	NPG
		COD	g.m^{-3}	21	46	15	Niskin bottle	BOD bottles	reflux titrimetric method	NS	NS	<5-174	25.4	<5	2	
	BOTTOM SEDIMENT (Cores to 25 cm)	Fe	mol.kg^{-1}	8	17	17	gravity corer	frozen	aqua regia/HF digestion; FAAS	NS	ca±20%	0.086-0.52	0.35	0.35	2	DWB
		Zn	mmol.kg^{-1}	8	17	17	gravity corer	frozen	aqua regia/HF digestion; FAAS	NS	ca±20%	0.35-1.44	1.15	1.27	2	DWB
		Pb	µmol.kg^{-1}	8	17	0	gravity corer	frozen	aqua regia/HF digestion; FAAS	NS	ca±20%	-	<9.7	-	2	DWB
		Ni	mmol.kg^{-1}	8	17	17	gravity corer	frozen	aqua regia/HF digestion; FAAS	NS	ca±20%	0.034-0.31	0.21	0.22	2	DWB
		Cd	µmol.kg^{-1}	8	17	0	gravity corer	frozen	aqua regia/HF digestion; FAAS	NS	ca±20%	-	<8.9	-	2	DWB
		Cr	mmol.kg^{-1}	8	17	17	gravity corer	frozen	aqua regia/HF digestion; FAAS	<20%	ca±20%	0.38-0.79	0.60	0.62	2	DWB
		Cu	mmol.kg^{-1}	8	17	17	gravity corer	frozen	aqua regia/HF digestion; FAAS	<20%	ca±20%	0.27-1.23	0.69	0.61	2	DWB
		Hg	µmol.kg^{-1}	8	17	17	gravity corer	frozen	H_2SO_4/HNO_3 digestion; CVAAS	<20%	ca±20%	0.12-0.26	0.19	0.19	2	DWB
		non-hydrolyzable solids	g.kg^{-1}	12	25	25	gravity corer	frozen	HCl digestion + ashing; gravimetry	<20%	NS	12-61	34.3	32	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
79-0006	BOTTOM SEDIMENT (Surface Layer)	Fe	mol.kg^{-1}	47	47	47	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±4%	-9.7%	0.17-0.82	0.58	0.65	4	DWB
		Cu	mmol.kg^{-1}	47	47	47	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1%	+10.1%	0.06-0.63	0.44	0.49	4	DWB
		Zn	mmol.kg^{-1}	47	47	47	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±2%	-3.6%	0.43-2.40	1.71	1.84	4	DWB
		Cr	mmol.kg^{-1}	47	47	47	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±4%	-6.4%	0.40-1.50	0.97	0.98	4	DWB
		Ni	mmol.kg^{-1}	47	47	38	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6%	-6.6%	<0.017-0.80	0.40	0.39	4	DWB
		Cd	μmol.kg^{-1}	47	47	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6%	-22.5%	-	<17.8	-	2	DWB
		Pb	μmol.kg^{-1}	47	47	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±5%	+10.9%	-	<48.3	-	2	DWB
		Be	mmol.kg^{-1}	12	12	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	NS	NS	-	<0.044	-	2	DWB
		As	mmol.kg^{-1}	12	12	12	Ponar grab	frozen	aqua regia/HF digestion; FAAS	NS	-24%	0.053-2.27	0.131	0.120	3	DWB
		Hg	μmol.kg^{-1}	47	47	47	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±4%	+9.1%	0.16-0.89	0.48	0.46	4	DWB
		Total PCB	μg.kg^{-1}	12	12	0	Ponar grab	frozen	extraction with n-hexane; column chromatography; gas chromatography	NS	NS	-	<5	-	2	DWB
		Total DDT	nmol.kg^{-1}	12	12	0	Ponar grab	frozen	extraction with n-hexane; column chromatography; gas chromatography	NS	NS	-	<2.8	-	2	DWB
		Total DDE	nmol.kg^{-1}	12	12	0	Ponar grab	frozen	extraction with n-hexane; column chromatography; gas chromatography	NS	NS	-	<3.2	-	2	DWB
		TOC	mol.kg^{-1}	47	47	47	Ponar grab	frozen	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	±0.30%	±3.0%	0.23-2.18	1.13	1.04	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
79-0006 (cont'd)		Oil and Grease	$g.kg^{-1}$	12	12	12	Ponar grab	frozen	n-hexane reflux; gravimetry	NS	NS	0.10-2.3	0.97	1.05	2	DWB
79-0007	SEA WATER	Fe	$\mu mol.m^{-3}$	1	8	8	acid-cleaned PE tubing/pump system	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; FAAS	±3%	NS	24-172	76	59	3	NPG
		Cu	$\mu mol.m^{-3}$	1	8	8	acid-cleaned PE tubing/pump system	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±2%	NS	5.0-11.6	7.6	6.6	3	
		Zn	$\mu mol.m^{-3}$	1	8	8	acid-cleaned PE tubing/pump system	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; FAAS	±4%	NS	3.2-9.3	5.7	5.0	3	
		Cd	$\mu mol.m^{-3}$	1	8	8	acid-cleaned PE tubing/pump system	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±3%	NS	0.38-1.04	0.69	0.67	3	
		Ni	$\mu mol.m^{-3}$	1	8	8	acid-cleaned PE tubing/pump system	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±3%	NS	5-27	12	8	3	
		Cr	$\mu mol.m^{-3}$	1	8	0	acid-cleaned PE tubing/pump system	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±11%	NS	-	<0.23	-	2	
		Pb	$\mu mol.m^{-3}$	1	8	8	acid-cleaned PE tubing/pump system	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±8%	NS	0.18-1.15	0.52	0.42	3	
		Hg	$\mu mol.m^{-3}$	1	9	9	acid-cleaned PE tubing/pump system	hot oxidized Pyrex glass bottles	hot acid oxidation; CVAAS	±5%	-19%, +24%	0.15-0.46	0.36	0.42	0	Note 2
	BOTTOM SEDIMENT (Surface Layer)	Fe	$mol.kg^{-1}$	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1%	-15.1%	0.37-0.46	0.43	0.43	4	DWB
		Cu	$mmol.kg^{-1}$	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1%	+10.1%	0.32-0.44	0.38	0.38	4	DWB
		Zn	$mmol.kg^{-1}$	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±3%	-3.6%	1.35-2.20	1.50	1.49	4	DWB
		Cr	$mmol.kg^{-1}$	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±5%	-6.4%	0.63-1.21	0.91	0.87	4	DWB
		Ni	$mmol.kg^{-1}$	4	20	20	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±9%	-6.6%	0.26-0.48	0.36	0.36	4	DWB
		Pb	$\mu mol.kg^{-1}$	4	20	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6%	+10.9%	-	<24	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
79-0007 (cont'd)		Cd	$\mu mol.kg^{-1}$	4	20	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±5%	-22.5%	-	<9	-	2	DWB
		Hg	$\mu mol.kg^{-1}$	4	20	20	Ponar grab	frozen	hot acid oxidation; CVAAS	±5%	+9.1%	0.35-0.57	0.47	0.48	4	DWB
		TOC	$mol.kg^{-1}$	4	20	20	Ponar grab	frozen	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	±0.15%	±3%	0.62-1.12	0.93	0.94	4	DWB
	BIOTA (Benthos Marcoma calcarea)	Fe	$mmol.kg^{-1}$	2	2	2	Ponar grab	frozen after guts purged for 24 h	HNO_3 digestion; FAAS	±2%	NS	9.0-14.3	11.6	-	3	DWB
		Cu	$mmol.kg^{-1}$	2	2	2	Ponar grab	frozen after guts purged for 24 h	HNO_3 digestion; FAAS	±5%	NS	0.33-0.39	0.36	-	3	DWB
		Zn	$mmol.kg^{-1}$	2	2	2	Ponar grab	frozen after guts purged for 24 h	HNO_3 digestion; FAAS	±2%	-5%	0.75-1.07	0.91	-	4	DWB
		Cr	$mmol.kg^{-1}$	2	2	2	Ponar grab	frozen after guts purged for 24 h	HNO_3 digestion; FAAS	±5%	NS	0.29-0.31	0.30	-	3	DWB
		Ni	$mmol.kg^{-1}$	2	2	0	Ponar grab	frozen after guts purged for 24 h	HNO_3 digestion; FAAS	±6%	NS	-	<0.017	-	2	DWB
		Pb	$\mu mol.kg^{-1}$	2	2	2	Ponar grab	frozen after guts purged for 24 h	HNO_3 digestion; FAAS	±8%	+13%	29-39	34	-	4	DWB
		Cd	$\mu mol.kg^{-1}$	2	2	2	Ponar grab	frozen after guts purged for 24 h	HNO_3 digestion; FAAS	±5%	NS	0.9-2.7	1.8	-	3	DWB
		Hg	$\mu mol.kg^{-1}$	2	2	2	Ponar grab	frozen after guts purged for 24 h	HNO_3 digestion; CVAAS	±7%	-6%	0.25-0.27	0.26	-	4	DWB
79-0008	BOTTOM SEDIMENT (Surface Layer)	Cu	$mmol.kg^{-1}$	11	11	11	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1%	+10%	0.17-0.57	0.36	0.30	4	DWB
		Zn	$mmol.kg^{-1}$	11	11	11	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±2%	-3.6%	0.70-6.3	1.81	1.53	4	DWB
		Fe	$mol.kg^{-1}$	11	11	11	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±4%	-9.7%	0.27-0.65	0.43	0.40	4	DWB
		Ni	$mmol.kg^{-1}$	11	11	11	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±4%	-6.4	0.42-1.67	1.03	1.08	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
79-0008 (cont'd)		Ni	mmol.kg^{-1}	11	11	11	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6%	-6.6%	0.10-0.58	0.29	0.24	4	DWB
		Cd	µmol.kg^{-1}	11	11	8	Ponar grab	frozen	aqua regia/HF digestion; GFAAS	±6%	+22.5%	<0.089-3.29	1.07	0.98	4	DWB
		Pb	µmol.kg^{-1}	11	11	10	Ponar grab	frozen	aqua regia/HF digestion; GFAAS	±5%	±20.9%	<14.5-526	210	179	4	DWB
		Ba	mmol.kg^{-1}	11	11	11	Ponar grab	frozen	aqua regia/HF digestion; GFAAS	±8%	NS	0.066-4.86	1.15	0.70	3	DWB
79-0009	SEA WATER	Fe	µmol.m^{-3}	1	8	8	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±3%	+4%	27-162	23	56	4	
		Zn	µmol.m^{-3}	1	8	8	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±4%	-1%	5-1158	213	17	0	Note 2
		Cu	µmol.m^{-3}	1	8	8	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±2%	+3%	8-42	17	12	3	
		Cr	µmol.m^{-3}	1	8	8	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±11%	-34%	0.6-48	15	4	3	
		Ni	µmol.m^{-3}	1	8	8	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±3%	-5%	14-56	27	23	3	
		Pb	µmol.m^{-3}	1	8	8	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±8%	+20%	0.5-10	4	3	4,0	Note 2
		Cd	µmol.m^{-3}	1	8	8	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	APDC/NaDDC/Freon extraction; GFAAS	±3%	-2%	0.44-1.78	0.9	0.9	4	
		SPM	g.m^{-3}	1	13	11	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	filtered (0.4 µm); gravimetry	NS	NS	<1-1000	186	15	2	
		Cl	mol.m^{-3}	1	15	15	Niskin PVC sampler	Patterson-cleaned PE bottles + NBS HCl	Mohr titration	±1%	±2%	442-499	457	450	4	
79-0010	SEA WATER	O_2	mol.m^{-3}	6	16	16	Niskin PVC sampler	Winkler titration bottle	micro WT	±0.0007	NS	0.268-0.356	0.327	0.340	4	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
79-0010 (cont'd)		O_2	mol.m^{-3}	66	293	293	in situ	N/A	YSI Model 57 0.0 meter	±0.004	±0.008	0.23-0.38	0.31	0.32	3	
		SPM	g.m^{-3}	12	26	26	Niskin PVC sampler	PE bottles	filtered (0.4 µm); gravimetry	±1 g.m^{-3}	NS	11-29440	1225	25	4	
		pH	pH units	6	26	26	Niskin PVC sampler	glass bottles	pH meter	±0.02 unit	NS	7.67-8.03	7.89	7.93	3	
79-0037	SEA WATER	Alk	NS	4	4	4	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	108.7-115.7	111.5	110.4	2	
		chl a	mg.m^{-3}	1	1	1	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	-	0.8	-	2	
		pH	pH units	4	4	4	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	8.0-8.3	8.15	8.1	2	
		Susp N	mmol.m^{-3}	6	9	9	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	1.3-5.5	2.4	1.8	2	
		Susp P	mmol.m^{-3}	4	4	4	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	0.4-1.3	0.7	0.5	2	
		TDN	mmol.m^{-3}	6	10	10	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	8.2-18.9	13.9	11.1	2	
		TDP	mmol.m^{-3}	6	8	8	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	1.2-1.4	1.3	1.2	2	
		TSS	g.m^{-3}	6	9	9	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	2.0-20.0	11.6	13.0	2	
80-0003	SEA WATER	O_2	mol.m^{-3}	5	46	46	Niskin PVC sampler	Winkler titration bottle	micro WT	±0.0007 mol.m^{-3}	NS	0.257-0.412	0.347	0.331	4	
		SPM	g.m^{-3}	5	17	17	Niskin PVC sampler	PE bottles	filtered (0.4 µm); gravimetry	±1 g.m^{-3}	NS	14.4-77.8	23.6	20.4	4	
80-0004A	SEA WATER	O_2	mol.m^{-3}	8	29	29	Niskin PVC sampler	Winkler titration bottle	micro Winkler titration	±0.0007 mol.m^{-3}	NS	0.065-0.357	0.308	0.313	4	NPG
	BOTTOM SEDIMENT (Surface Layer)	Cu	mmol.kg^{-1}	13	26	26	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±0.5%	+10.1%	0.22-0.88	0.51	0.55	4	DWB
		Zn	mmol.kg^{-1}	13	26	26	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±2%	-3.6%	1.10-3.30	2.61	2.75	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT Qty	MEASUREMENT Units	NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION Collection	Storage	Analysis	Precision	Accuracy	MEASURED VALUES Range	Mean	Median	DATA RATING	REMARKS
80-0004A (cont'd)		Pb	µmol.kg^{-1}	13	26	10	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±5%	+10.9%	<24-48	28	<24	4	DWB
		Cr	mmol.kg^{-1}	13	26	26	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6%	-6.4%	0.56-1.35	1.01	1.02	4	DWB
		Cd	µmol.kg^{-1}	13	26	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6%	-22.5%	-	<4.4	-	2	DWB
		Ni	mmol.kg^{-1}	13	26	26	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±9%	-6.6%	0.24-0.92	0.72	0.77	4	DWB
		Hg	µmol.kg^{-1}	13	26	26	Ponar grab	frozen	H_2SO_4/HNO_3 digestion; CVAAS	±4%	+9.1%	0.29-1.73	0.70	0.55	4	DWB
		Fe	mol.kg^{-1}	13	26	26	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1%	-15.1%	0.32-0.91	0.73	0.80	4	DWB
		TOC	mol.m^{-3}	13	13	13	Ponar grab	frozen	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	±0.15%	±3.0%	0.31-1.42	1.04	1.08	4	DWB
80-0004B	SEA WATER	O_2	mol.m^{-3}	12	49	49	Niskin PVC sampler	Winkler flask	micro WT	±0.0007 mol.m^{-3}	NS	0.206-0.327	0.277	0.288	4	
80-0004C	SEA WATER	O_2	mol.m^{-3}	11	47	47	Niskin PVC sampler	Winkler flask	micro WT	±0.0007 mol.m^{-3}	NS	0.179-400	0.332	0.357	4	
		SPM	g.m^{-3}	12	46	46	Niskin PVC sampler	rinsed PE bottles	filtered (0.4 µm); gravimetry	±0.0007 mol.m^{-3}	NS	8.6-60.3	21.0	15.1	3	
	BOTTOM SEDIMENT	Cu	mmol.kg^{-1}	19	38	38	Ponar grab	frozen	aqua regia/HF digestion; FAAS	+0.5%	±10.1%	0.079-0.629	0.494	0.456	4	DWB
		Zn	mmol.kg^{-1}	19	38	38	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±2%	-3.6%	0.64-3.17	2.42	2.39	4	DWB
		Pb	µmol.kg^{-1}	19	38	6	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±5%	+10.9%	<24-29	25	<24	4	DWB
		Cr	mmol.kg^{-1}	19	38	38	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6%	-6.4%	0.44-1.71	1.20	1.23	4	DWB
		Cd	µmol.kg^{-1}	19	38	0	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±6%	-22.5%	-	<4.4	-	2	DWB
		Ni	mmol.kg^{-1}	19	38	38	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±9%	-6.6%	0.051-1.87	0.70	0.68	4	DWB
		Hg	µmol.kg^{-1}	19	38	38	Ponar grab	frozen	H_2SO_4/HNO_3 digestion; CVAAS	±4%	+9.1%	0.135-1.735	0.510	0.404	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
80-0004C (cont'd)		Fe	$mol.kg^{-1}$	19	38	38	Ponar grab	frozen	aqua regia/HF digestion; FAAS	±1%	-15.1%	0.197-0.929	0.682	0.736	4	DWB
		TOC	$mol.kg^{-1}$	19	38	38	Ponar grab	frozen	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	±0.15%	±3.0%	0.54-1.38	1.05	1.05	4	DWB
		Oil and Grease	$mg.kg^{-1}$	19	38	38	Ponar grab	frozen	reflux with n-hexane; gravimetry	NS	NS	50-227	110	85	2	DWB
80-0004D	SEA WATER	O_2	$mol.m^{-3}$	11	47	47	Niskin PVC sampler	Winkler flask	micro WT	±0.0007 $mol.m^{-3}$	NS	0.089-0.458	0.341	0.396	4	
		SPM	$g.m^{-3}$	12	46	46	Niskin PVC sampler	rinsed PE bottles	filter (0.4 µm); gravimetry	±1 $g.m^{-3}$	NS	4.8-63.8	24.7	21.3	3	
80-0005	DREDGED SEDIMENT	Cu	$mmol.kg^{-1}$	13	13	13	NS	not frozen	aqua regia/HF digestion; FAAS	±1%(2δ)	+10.1%	0.019-0.151	0.076	0.047	1	NPG; DWB; storage suspect
		Zn	$mmol.kg^{-1}$	13	13	13	NS	not frozen	aqua regia/HF digestion; FAAS	±3%(2δ)	-3.6%	0.34-0.90	0.49	0.44	1	DWB; storage suspect
		As	$mmol.kg^{-1}$	13	13	13	NS	not frozen	aqua regia/HF digestion; FAAS	NS	-24.2%	0.08-0.19	0.15	0.16	1	DWB; storage suspect
		Pb	$\mu mol.kg^{-1}$	13	13	0	NS	not frozen	aqua regia/HF digestion; FAAS	±10%(2δ)	+10.9%	-	<24	-	1	DWB; storage suspect
		Cd	$\mu mol.kg^{-1}$	13	13	0	NS	not frozen	aqua regia/HF digestion; FAAS	±11%(2δ)	-22.5%	-	<4.4	-	1	DWB; storage suspect
		Hg	$\mu mol.kg^{-1}$	13	13	13	NS	not frozen	H_2SO_4/HNO_3 digestion; CVAAS	±7%(2δ)	+9.1%	0.085-1.45	0.28	0.16	1	DWB; storage suspect
		TOC	$mol.kg^{-1}$	13	13	13	NS	not frozen	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	±0.30% (2δ)	±3.0%	0.75-7.21	0.96	0.24	1	DWB; storage suspect
		Oil and Grease	$mg.kg^{-1}$	13	13	13	NS	not frozen	reflux with n-hexane; gravimetry	NS	NS	45-2120	285	83	2	DWB
		Oxygen uptake rate	$mmol.g^{-1}.d^{-1}$	13	13	13	NS	not frozen	7 day sampling of serial BOD bottle samples	NS	NS	1.38-11.96	1.65	1.96	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
80-0006	BOTTOM SEDIMENT	Hg	μmol.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	H_2SO_4/HNO_3 digestion; CVAAS	±5%	NS	0.05-0.57	0.34	0.38	2	NPG; DWB
		As	μmol.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	$HCl/K_2S_2O_8$ digestion; GFAAS (hydride method)	±5%	NS	29.9-184	118	131	3	DWB
		Cd	μmol.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	aqua regia/HF digestion; FAAS	±4%	NS	4.85-15.52	10.41	10.59	3	DWB
		Cr	μmol.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	aqua regia/HF digestion; FAAS	±2%	NS	0.060-0.436	0.244	0.258	3	DWB
		Pb	μmol.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	aqua regia/HF digestion; FAAS	±1%	NS	31.4-139	108	125	3	DWB
		Zn	mmol.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	aqua regia/HF digestion; FAAS	±3%	NS	0.34-2.24	1.62	1.92	3	DWB
		Volatile solids	g.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	ashed at 550°C	±10%	NS	4.0-101	54.8	55.5	3	DWB
		Oil and Grease	mg.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	hexane Soxhlet extraction; gravimetry	±26%	NS	65-660	268	255	3	DWB
		BOD	mmol.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	loss of oxygen content after 5 d incubation at 20°C	NS	NS	0.89-33.0	15.9	16.1	2	DWB
		COD	g.kg^{-1}	30	60	60	Ponar grab	refrigerated then frozen	dichromate oxidation titration with Fe ammonium sulphate	±5%	NS	0.41-8.92	3.82	4.14	3	DWB
	BIOTA (Benthos)	Hg	μmol.kg^{-1}	20	35	32	Ponar grab	formalin	H_2SO_4/HNO_3 digestion; CVAAS	±32%	NS	0.036-2.01	0.50	0.42	2	WWB; Note 4
		As	μmol.kg^{-1}	20	24	24	Ponar grab	formalin	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±12%	-21%, -15.4%	8.3-62.9	26.4	24.0	2	WWB; Note 4
		Cd	μmol.kg^{-1}	20	24	24	Ponar grab	formalin	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±6%	+4%	3.02-35.5	14.4	12.9	2	WWB; Note 4
		Cr	mmol.kg^{-1}	20	24	24	Ponar grab	formalin	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±12%	-63%	0.06-0.448	0.158	0.136	2	WWB; Note 4
		Pb	μmol.kg^{-1}	20	24	24	Ponar grab	formalin	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±2%	+307%, +362%	1.8-7.3	3.6	3.3	2	WWB; Note 4
		Zn	mmol.kg^{-1}	20	23	23	Ponar grab	formalin	$HNO_3/HClO_4/H_2SO_4$ digestion; FAAS	±6%	+11%, -15%	0.24-0.80	0.41	0.38	2	WWB; Note 4

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
80-0016	SEA WATER	O_2	$mol.m^{-3}$	1	10	7	in situ	N/A	YSI Model 51B DO meter	NS	NS	0.40-0.42	0.41	0.41	2	
80-0031	SEDIMENTS	Clay	%	24	24	24	Ekman dredge	frozen	dry sieve method (Welch, 1948), particle size described by the Wentworth scale (Wentworth, 1922)	NS	NS	11.4-98.4	55.3	34.83	2	4 of the 24 values included both the clay and silt components
80-0101A	BENTHOS	Cd	$\mu mol.kg^{-1}$	19	45	45	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; GFAAS	±9%	NS	0.26-48	14.2	10.1	3	DWB
		Cr	$mmol.kg^{-1}$	19	45	10	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; FAAS	±10%	NS	<0.0096-0.331	0.107	0.085	3	DWB
		Cu	$mmol.kg^{-1}$	18	43	43	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; FAAS	±9%	NS	0.0830-4.22	1.11	1.13	3	DWB
		Fe	$mol.kg^{-1}$	18	43	43	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; FAAS	±5%	NS	0.0043-0.208	0.0318	0.0147	3	DWB
		Hg	$\mu mol.kg^{-1}$	12	23	23	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	H_2SO_4/HNO_3 digestion; CVAAS	±8%	-6%	0.0499-1.89	0.770	0.499	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
80-0101A (cont'd)		Ni	mmol.kg^{-1}	19	45	45	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; FAAS	±12%	NS	0.0114-0.269	0.0709	0.0477	3	DWB
		Pb	µmol.kg^{-1}	19	44	44	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; GFAAS	±12%	+13%	1.79-20.3	7.28	3.8	4	DWB
		Zn	mmol.kg^{-1}	18	43	43	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; FAAS	±5%	-5%	0.719-3.72	1.62	1.45	4	DWB
	SEDIMENTS	2-Methyl Naphthalene	µmol.kg^{-1}	9	9	9	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0282-0.286	0.0993	0.0563	3	DWB
		ANTH	µmol.kg^{-1}	6	6	6	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0157-0.166	0.085	0.0457	3	DWB
		B(a)P	µmol.kg^{-1}	4	4	4	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0302-0.071	0.0449	0.0364	3	DWB
		CHR	µmol.kg^{-1}	8	8	8	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0421-0.208	0.101	0.0689	3	DWB
		PHEN	µmol.kg^{-1}	9	9	9	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0315-0.622	0.253	0.235	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
80-0101A (cont'd)		PYR	µmol.kg^{-1}	9	9	9	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0302-0.460	0.145	0.141	3	DWB
		Cd	µmol.kg^{-1}	20	20	0	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; GFAAS	±5%	0%, -24%	-	-	-	2	DWB
		Cr	mmol.kg^{-1}	20	20	20	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; FAAS	±8%	-55%, -51%	0.462-1.38	0.899	0.692	4	DWB
		Cu	mmol.kg^{-1}	20	20	20	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; FAAS	±1%-±3%	-10%, -1%	0.0944-0.551	0.305	0.189	4	DWB
		Hg	µmol.kg^{-1}	20	20	20	0.13 m^2 Peterson dredge	frozen	hot acid oxidation; CVAAS	±10%	0%, 0%	0.0399-0.912	0.420	0.237	4	DWB
		Ni	mmol.kg^{-1}	20	20	20	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; GFAAS	±10%	-14%, -23%	0.187-0.715	0.361	0.264	4	DWB
		Pb	µmol.kg^{-1}	20	20	0	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; GFAAS	±6%	-50%, -40%	-	-	-	2	DWB
		Zn	mmol.kg^{-1}	20	20	20	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; FAAS	±1%-±5%	-11%, -3%	0.352-2.29	1.15	0.688	4	DWB
		TOC	mol.kg^{-1}	20	20	20	0.13 m^2 Peterson dredge	frozen	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	±.3%	+3%	0.17-1.2	0.53	0.33	4	DWB
		Clay	% (<44 µm fraction)	20	20	20	0.13 m^2 Peterson dredge	frozen	wet sieved through nest (840 µm, 300 µm, 140 µm, 74 µm, 44 µm) of standard screens	NS	NS	10.4-80.9	29.9	18.2	2	
80-0101B	BENTHOS	Cd	µmol.kg^{-1}	7	7	7	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; GFAAS	±9%	NS	4.46-36.4	16.2	11.7	3	DWB
		Cr	mmol.kg^{-1}	7	7	0	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO_3/Teflon bomb digestion; FAAS	±10%	NS	-	-	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
80-0101B (cont'd)		Cu	mmol.kg^{-1}	7	7	7	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO$_3$/Teflon bomb digestion; FAAS	±9%	NS	0.236-2.72	0.818	0.535	3	DWB
		Fe	mmol.kg^{-1}	7	7	7	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO$_3$/Teflon bomb digestion; FAAS	±5%	NS	6.804-76.1	33.4	24.4	3	DWB
		Hg	µmol.kg^{-1}	2	2	2	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	H$_2$SO$_4$/HNO$_3$ digestion; CVAAS	±8%	-6%	0.0499-0.249	0.150	0.150	4	DWB
		Ni	mmol.kg^{-1}	7	7	7	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO$_3$/Teflon bomb digestion; FAAS	±12%	NS	0.022-0.0869	0.0479	0.0494	3	DWB
		Pb	µmol.kg^{-1}	7	7	7	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO$_3$/Teflon bomb digestion; GFAAS	±12%	+13%	3.8-20.3	9.3	7.7	4	DWB
		Zn	mmol.kg^{-1}	7	7	7	0.13 m^2 Peterson dredge	benthos preserved in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal; at lab, transferred to 70% ethanol	HNO$_3$/Teflon bomb digestion; FAAS	±5%	-5%	0.796-2.845	1.53	1.18	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
80-0101B (cont'd)	SEDIMENTS	2-Methyl Naphthalene	µmol.kg^{-1}	10	10	10	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0303-0.113	0.0868	0.0475	3	DWB
		ANTH	µmol.kg^{-1}	3	3	3	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0792-0.126	0.105	0.110	3	DWB
		B(a)P	µmol.kg^{-1}	5	5	5	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0167-0.0667	0.0428	0.0524	3	DWB
		CHR	µmol.kg^{-1}	10	10	10	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0390-0.445	0.148	0.0644	3	DWB
		PHEN	µmol.kg^{-1}	11	11	11	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0191-0.859	0.270	0.138	3	DWB
		PYR	µmol.kg^{-1}	11	11	11	0.13 m^2 Peterson dredge	frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	20%-25%	NS	0.0203-0.337	0.155	0.0748	3	DWB
		Cd	µmol.kg^{-1}	14	52	4	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; GFAAS	±5%	0%, -24%	<4.5-7.1	6.9	<4.5	4	DWB
		Cr	mmol.kg^{-1}	14	52	52	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; FAAS	±8%	-55%, -51%	0.289-1.627	0.958	0.606	4	DWB
		Cu	mmol.kg^{-1}	14	52	52	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; FAAS	±1%-±3%	-10%, -1%	0.0472-0.818	0.277	0.157	4	DWB
		Fe	mmol.kg^{-1}	12	46	46	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; FAAS	±3%-±8%	+46%, +48%	1.218-9.293	4.368	2.534	4	DWB
		Hg	µmol.kg^{-1}	14	52	52	0.13 m^2 Peterson dredge	frozen	hot acid oxidation; CVAAS	±10%	0%, 0%	0.0647-0.733	0.313	0.194	4	DWB
		Ni	mmol.kg^{-1}	14	52	52	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; GFAAS	±10%	-14%, -23%	0.0681-1.533	0.386	0.198	4	DWB
		Pb	µmol.kg^{-1}	14	52	0	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; GFAAS	±8%	-50%, -40%	-	-	-	2	DWB
		Zn	mmol.kg^{-1}	14	52	52	0.13 m^2 Peterson dredge	frozen	aqua regia/HF/Teflon bomb digestion; FAAS	±1%-±5%	-11%, -3%	0.382-2.585	1.287	0.773	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
80-0101B (cont'd)		TOC	mol.kg^{-1}	13	49	49	0.13 m^2 Peterson dredge	frozen	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	±3%	+3%	0.04-1.38	0.57	0.46	4	DWB
		Clay	% (<44 µm fraction)	14	52	52	0.13 m^2 Peterson dredge	frozen	wet sieved through nest (840 µm, 300 µm, 140 µm, 74 µm, 44 µm) of standard screens	NS	NS	6.5-97.8	38.1	32.0	2	
80-0110	SEA WATER	chl _a_	NS	17	51	51	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	0.100-4.60	1.56	1.20	2	
		Susp N	mmol.m^{-3}	17	49	48	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	<1.64-40.3	7.67	<3.46	2	
		Susp P	mmol.m^{-3}	17	33	33	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	0.194-10.2	1.43	0.743	2	
		TDN	mmol.m^{-3}	17	50	50	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	9.28-66.4	20.3	13.9	2	
		TDP	mmol.m^{-3}	17	50	50	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	0.100-1.03	0.289	0.176	2	
		Alk	NS	17	50	50	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	62.7-298	111	82.4	2	
		pH	pH units	17	50	50	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	7.00-8.20	7.91	7.45	2	
		SPM	g.m^{-3}	17	50	50	Van Dorn sampler	'Nalgene' bottle	NS	NS	NS	2.0-299	45.5	13.5	2	
81-0003A	SEA WATER	Cd	µmol.m^{-3}	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson _et al._, 1978); GFAAS	±2.5%	NS	0.47-0.92	0.61	0.52	3	
		Cr	µmol.m^{-3}	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, co-precipitated in field with iron hydroxide	co-precipitation with iron (III) hydroxide, Cranston and Murray (1978); GFAAS	±4.5%	NS	1.8-3.6	2.8	2.4	3	
		Cu	µmol.m^{-3}	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson _et al._, 1978); GFAAS	±1.5%	NS	5.4-8.3	6.6	5.9	3	
		Hg	µmol.m^{-3}	3	16	16	pumping system (PE)	hot oxidized Pyrex glass bottles	CVAAS, Bothner (1974)	±30%	NS	0.03-0.41	0.18	0.08	3	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003A (cont'd)		PO_4	mmol.m^{-3}	3	18	18	Niskin PVC sampling bottles	frozen in acid-washed glass tubes	Technicon Method 158-71W; AuA	±0.3%	±3%	1.26-1.44	1.37	1.39	4	
		Zn	µmol.m^{-3}	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	±6.0%	NS	7.3-17.1	11.8	9.3	3	
		NO_3	mmol.m^{-3}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±0.4% (est.)	±4.0% (est.)	7.2-10.1	8.7	8.0	2	
		SiO_3	mmol.m^{-3}	3	17	17	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	18.4-25.3	22.5	22.8	2	
		SRP	mmol.m^{-3}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	1.26-1.44	1.37	1.33	2	
		O_2	mol.m^{-3}	3	9	9	3-L PVC sampler	drawn immediately into calibrated, stoppered 125 mL Erlenmeyer flasks, oxygen fixed with manganese oxides in alkaline iodide solution	micro WT, Caritt and Carpenter (1966)	±0.05% (est.)	NS	0.328-0.349	0.339	0.342	2	
		TOC	mol.m^{-3}	3	9	9	3-L PVC sampler	flint glass bottles stored frozen, caps lined with solvent cleaned Teflon or aluminum foil	wet oxidation, Menzel and Vaccaro (1974), non-dispersive infra-red analyzer	±0.3% (est.)	±5.0% (est.)	0.096-0.171	0.121	0.111	2	
		Alk	equiv m^{-3}	3	6	6	3-L PVC sampler	drawn after oxygen samples, 500 mL Pyrex glass bottles, tightly sealed, $HgCl_2$ added as a preservative	potentiometric titration (Edmond, 1970)	±0.17% (est.)	0.17% (est.)	2.551-2.585	2.568	2.565	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003A (cont'd)		SPM	g.m^{-3}	3	18	18	pumping system (PE)	PE bottles (temporary)	vacuum filtration through 0.4 µm pore diameter Nuclepore filters, oven dried, weighed	NS	NS	0.1-0.7	0.36	0.25	2	
		Total PAH	µg.m^{-3}	3	11	11	pumping system (PE)	solvent cleaned glass bottles; preserved with $HgCl_2$	Freon extraction; GPAC (Sephadex LH-20); GC/FID	NS	NS	13-369	155	135	2	Note 7
81-0003B	SEA WATER	Cd	µmol.m^{-3}	3	30	30	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	±2.5%	NS	0.50-1.09	0.59	0.54	3	
		Cr	µmol.m^{-3}	3	30	30	pumping system (PE)	CPE bottles, acid cleaned, co-precipitated in field with iron hydroxide	co-precipitation with iron (III) hydroxide, Cranston and Murray (1978); GFAAS	±4.5%	NS	2.2-4.3	2.8	2.5	3	
		Cu	µmol.m^{-3}	3	30	30	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	±1.5%	NS	6.9-7.8	7.3	7.1	3	
		Hg	µmol.m^{-3}	3	28	28	pumping system (PE)	hot oxidized Pyrex glass bottles	CVAAS; Bothner (1974)	±30%	NS	0.02-2.66	0.29	0.04	3	
		PO_4	mmol.m^{-3}	3	18	18	Niskin PVC sampling bottles	frozen in acid-washed glass tubes	Technicon Method 158-71W; AuA	±0.3%	±3%	0.97-1.35	1.16	1.17	4	
		Zn	µmol.m^{-3}	3	30	30	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	6.0%	NS	5.1-23.1	7.9	6.2	4	
		NO_3	mmol.m^{-3}	3	30	30	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±0.4% (est.)	±4.0% (est.)	7.9-15.4	10.6	8.9	2	precision/accuracy for method; no specific data for this data set
		SiO_3	mmol.m^{-3}	3	23	23	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	16.6-34.6	26.3	25.9	2	precision/accuracy for method; no specific data for this data set
		SRP	mmol.m^{-3}	3	30	30	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	0.92-1.35	1.14	1.04	2	precision/accuracy for method; no specific data for this data set

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003B (cont'd)		O_2	$mol.m^{-3}$	3	14	14	3-L PVC sampler	drawn immediately into calibrated, stoppered 125 mL Erlenmeyer flasks, oxygen fixed with manganese oxides in alkaline iodide solution	micro WT, Caritt and Carpenter (1966)	±0.05% (est.)	NS	0.316-0.410	0.374	0.345	2	precision/accuracy for method; no specific data for this data set
		TOC	$mol.m^{-3}$	3	15	15	3-L PVC sampler	flint glass bottles stored frozen, caps lined with solvent cleaned Teflon or aluminum foil	wet oxidation, Menzel and Vaccaro (1974), non-dispersive infra-red analyzer	±3% (est.)	±5.0% (est.)	0.077-0.110	0.091	0.090	2	precision/accuracy for method; no specific data for this data set
		Alk	equiv m^{-3}	3	15	15	3-L PVC sampler, storage bottles rinsed twice with sample	drawn after oxygen samples, 500 mL Pyrex glass bottles, tightly sealed, $HgCl_2$ added as a preservative	potentiometric titration (Edmond, 1970)	±0.17% (est.)	0.17% (est.)	2.565-2.612	2.590	2.591	2	precision/accuracy for method; no specific data for this data set
		SPM	$g.m^{-3}$	3	30	30	pumping system (PE)	PE bottles (temporary)	vacuum filtration through 0.4 μm pore diameter Nuclepore filters, oven dried, weighed	NS	NS	0.1-2.0	0.6	0.4	2	
		Total PAH	$\mu g.m^{-3}$	3	9	9	pumping system (PE)	solvent cleaned glass bottles; preserved with $HgCl_2$	Freon extraction; GPAC (Sephadex LH-20); GC/FID	NS	NS	13-408	118	91	2	Note 7
	SEDIMENTS	2-Methyl Naphthalene	$\mu mol.kg^{-1}$	3	3	3	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0423-0.254	0.129	0.0915	2	DWB
		ANTH	$\mu mol.kg^{-1}$	3	1	1	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	-	0.0337	-	2	DWB
		B(a)A	$\mu mol.kg^{-1}$	3	3	3	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0570-0.149	0.0936	0.0746	2	DWB
		B(a)P	$\mu mol.kg^{-1}$	3	5	5	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0238-0.532	0.218	0.143	2	DWB
		B(e)P	$\mu mol.kg^{-1}$	3	5	5	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.083-1.60	0.486	0.230	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003B (cont'd)		CHR	µmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0789-1.026	0.303	0.143	2	DWB
		FLU	µmol.kg^{-1}	3	4	4	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.109-0.614	0.293	0.193	2	DWB
		Fluorene	µmol.kg^{-1}	3	4	4	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0904-0.241	0.170	0.136	2	DWB
		PERY	µmol.kg^{-1}	3	5	5	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.159-2.163	0.710	0.341	2	DWB
		PHEN	µmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.101-1.433	0.552	0.261	2	DWB
		PYR	µmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0743-0.847	0.319	0.173	2	DWB
		Total PAH	ng.g^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	68-1856	608	250	2	DWB
		Cd	mmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion; GFAAS	±2%-±7.4%	+6.8%, +8.0%	0.0020-0.0026	0.0022	0.0020	4	DWB
		Cr	mmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±2%-±10.7%	-51.0%, -54.6%	0.904-2.577	1.885	1.539	3	DWB
		Cu	mmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±2.0%-±0.6%	+0.8%, -3.9%	0.0961-0.276	0.209	0.170	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003B (cont'd)		Hg	µmol.kg^{-1}	3	5	5	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	hot acid oxidation, Agemian and Chau (1976); CVAAS	±8.2%-±12%	+1.2%, -3.1%	0.175-0.823	0.487	0.344	4	DWB
		Zn	mmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±4.4%-±0.9%	-4.2%, -10.1%	0.765-2.310	1.724	1.377	4	DWB
		TOC	mol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	oxidation ($K_2Cr_2O_7$), titration with Fe ammonium sulphate (Gaudette et al., 1974)	±0.30% (est.)	±3.0% (est.)	0.39-10	7.8	6.7	2	DWB
		Clay	% (<44 µm fraction)	3	3	3	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	wet sieved through nest (840 µm, 300 µm, 140 µm, 74 µm, 44 µm) of standard screens	NS	NS	32.7-94.6	67.8	76.2	2	DWB
81-0003C	SEA WATER	Cd	µmol.m^{-3}	3	30	30	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	2.5%	NS	0.30-0.61	0.49	0.41	3	
		Cr	µmol.m^{-3}	3	30	30	pumping system (PE)	CPE bottles, acid cleaned, co-precipitated in field with iron hydroxide	co-precipitation with iron (III) hydroxide, Cranston and Murray (1978); GFAAS	4.5%	NS	1.8-4.1	3.0	2.4	3	
		Cu	µmol.m^{-3}	3	30	30	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	1.5%	NS	6.7-16.9	10.1	7.2	3	
		Hg	µmol.m^{-3}	3	29	29	pumping system (PE)	hot oxidized Pyrex glass bottles	CVAAS; Bothner (1974)	30%	NS	0.01-0.11	0.04	0.03	3	
		PO_4	mmol.m^{-3}	3	18	18	Niskin PVC sampling bottles	frozen in acid-washed glass tubes	Technicon Method 158-71W; AuA	±0.3%	±3%	1.26-1.44	1.37	1.39	4	
		Zn	µmol.m^{-3}	3	30	30	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	6.0%	NS	5.5-15.9	8.2	6.45	3	
		chl a	mg.m^{-3}	3	6	6	3-L PVC sampler	PE bottles, filtered shortly after collection, filter stored frozen in dark	fluorometry (Strickland and Parsons, 1972)	±8%	NS	0.09-2.00	0.71	0.12	3	
		Phaeo	mg.m^{-3}	3	6	6	3-L PVC sampler	PE bottles, filtered shortly after collection, filter stored frozen in dark	fluorometry (Strickland and Parsons, 1972)	±5%	NS	0.11-0.52	0.23	0.12	3	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003C (cont'd)		NO_3	$mmol.m^{-3}$	3	29	29	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±0.4% (est.)	±4.0% (est.)	0.0-8.4	4.2	5.7	2	precision/accuracy for method; no specific data for this data set
		SiO_3	$mmol.kg^{-1}$	3	30	36	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	20.1-49.1	26.8	22.9	2	precision/accuracy for method; no specific data for this data set
		SRP	$mmol.m^{-3}$	3	29	29	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	0.11-2.39	1.17	1.29	2	precision/accuracy for method; no specific data for this data set
		O_2	$mol.m^{-3}$	3	14	14	3-L PVC sampler	drawn immediately into calibrated, stoppered 125 mL Erlenmeyer flasks, oxygen fixed with manganese oxides in alkaline iodide solution	micro WT, Caritt and Carpenter (1966)	±0.05% (est.)	NS	0.344-0.380	0.355	0.349	2	precision/accuracy for method; no specific data for this data set
		TOC	$mol.m^{-3}$	3	15	15	3-L PVC sampler	flint glass bottles stored frozen, caps lined with solvent cleaned Teflon or aluminum foil	wet oxidation, Menzel and Vaccaro (1974), non-dispersive infra-red analyzer	0.3% (est.)	±5.0% (est.)	0.075-0.256	0.142	0.097	2	precision/accuracy for method; no specific data for this data set
		Alk	$equiv.m^{-3}$	3	14	14	3-L PVC sampler, storage bottles rinsed twice with sample	drawn after oxygen samples, 500 mL Pyrex glass bottles, tightly sealed, $HgCl_2$ added as a preservative	potentiometric titration (Edmond, 1970)	±0.17% (est.)	0.17% (est.)	1.896-2.414	2.263	2.143	2	precision/accuracy for method; no specific data for this data set
		SPM	$g.m^{-3}$	3	27	27	pumping system (PE)	PE bottles (temporary)	vacuum filtration through 0.4 μm pore diameter Nuclepore filters, oven dried, weighed	NS	NS	1.1-5.4	3.5	3.5	2	
		Total PAH	$\mu g.m^{-3}$	3	16	16	pumping system (PE)	solvent cleaned glass bottles; preserved with $HgCl_2$	Freon extraction; GPAC (Sephadex LH-20); GC/FID	NS	NS	5-278	48	18	2	Note 7

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003C (cont'd)	SEDIMENTS	Cd	mmol.kg^{-1}	3	6	6	Ponar grab (sampling area 0.055 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±2%-±7.4%	+6.8%, +8.0%	0.0013-0.0025	0.0019	0.0016	4	DWB
		Cr	mmol.kg^{-1}	3	6	6	Ponar grab (sampling area 0.055 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±2%-±10.7%	-51.0%, -54.6%	2.019-2.673	2.305	2.154	3	DWB
		Cu	mmol.kg^{-1}	3	6	6	Ponar grab (sampling area 0.055 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±2%-±0.8%	-0.8%, -3.9%	0.109-0.263	0.206	0.176	4	DWB
		Hg	mmol.kg^{-1}	3	5	5	Ponar grab (sampling area 0.055 m^2)	frozen in Whirlpak bags	hot acid oxidation, Agemian and Chau (1976); CVAAS	±8.2%-±12%	-1.2%, -3.1%	0.194-0.897	0.533	0.449	4	DWB
		Zn	mmol.kg^{-1}	3	6	6	Ponar grab (sampling area 0.055 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±4.4%-±0.9%	-4.2%, -10.1%	0.780-2.126	1.685	1.423	4	DWB
		TOC	mol.kg^{-1}	3	6	6	Ponar grab (sampling area 0.055 m^2)	frozen in Whirlpak bags	oxidation ($K_2Cr_2O_7$); titration with Fe ammonium sulphate (Gaudette et al., 1974)	±0.30% (est.)	±3.0% (est.)	0.083-0.91	0.63	0.46	2	DWB
		Clay	% (<44 µm fraction)	3	3	3	Ponar grab (sampling area 0.055 m^2)	frozen in Whirlpak bags	wet sieved through nest (840 µm, 300 µm, 140 µm, 74 µm, 44 µm) of standard screens	NS	NS	32.7-92.3	69.2	82.6	2	DWB
81-0003D	SEA WATER	Cd	µmol.m^{-3}	3	21	21	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	±2.5%	NS	0.22-0.44	0.32	0.31	3	
		Cr	µmol.m^{-3}	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, co-precipitated in field with iron hydroxide	co-precipitation with iron (III) hydroxide, Cranston and Murray (1978); GFAAS	4.5%	NS	2.3-4.3	3.0	2.7	3	
		Cu	µmol.m^{-3}	3	21	21	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	±1.5%	NS	5.5-13	8.1	7.5	3	
		Hg	µmol.m^{-3}	3	17	17	pumping system (PE)	hot oxidized Pyrex glass bottles	CVAAS, Bothner (1974)	30%	NS	0.03-0.17	0.08	0.08	3	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003D (cont'd)		Zn	μmol.m^{-3}	3	20	20	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	6.0%	NS	5.7-14.8	9.4	7.2	3	
		chl a	mg.m^{-3}	3	6	6	3-L PVC sampler	PE bottles, filtered shortly after collection, filter stored frozen in dark	fluorometry (Strickland and Parsons, 1972)	±8%	NS	0.09-0.89	0.32	0.14	3	
		Phaeo	mg.m^{-3}	3	6	6	3-L PVC sampler	PE bottles, filtered shortly after collection, filter stored frozen in dark	fluorometry (Strickland and Parsons, 1972)	±5%	NS	0.13-0.65	0.31	0.16	3	
		NO$_3$	mmol.m^{-3}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±0.4% (est.)	±4.0% (est.)	0.20-1.41	0.61	0.30	2	precision/accuracy for method; no specific data for this data set
		SiO$_3$	mmol.kg^{-1}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	4.4-16.8	9.6	6.4	2	precision/accuracy for method; no specific data for this data set
		SRP	mmol.m^{-3}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	0.31-1.02	0.62	0.47	2	precision/accuracy for method; no specific data for this data set
		O$_2$	mol.m^{-3}	3	9	9	3-L PVC sampler	drawn immediately into calibrated, stoppered 125 mL Erlenmeyer flasks, oxygen fixed with manganese oxides in alkaline iodide solution	micro WT, Caritt and Carpenter (1966)	±0.05% (est.)	NS	0.377-0.419	0.397	0.398	2	precision/accuracy for method; no specific data for this data set
		TOC	mol.m^{-3}	3	9	9	3-L PVC sampler	flint glass bottles stored frozen, caps lined with solvent cleaned Teflon or aluminum foil	wet oxidation, Menzel and Vaccaro (1974), non-dispersive infra-red analyzer	0.3% (est.)	±5.0% (est.)	0.065-0.258	0.118	0.104	2	precision/accuracy for method; no specific data for this data set

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0003D (cont'd)		Alk	equiv m^{-3}	3	8	8	3-L PVC sampler, storage bottles rinsed twice with sample	drawn after oxygen samples, 500 mL Pyrex glass bottles, tightly sealed, $HgCl_2$ added as a preservative	potentiometric titration (Edmond, 1970)	±0.17% (est.)	0.17% (est.)	1.741-2.123	1.909	1.820	2	precision/accuracy for method; no specific data for this data set
		SPM	$g.m^{-3}$	3	18	18	pumping system (PE)	PE bottles (temporary)	vacuum filtration through 0.4 μm pore diameter Nuclepore filters, oven dried, weighed	NS	NS	9.5-22.7	13.97	11.15	2	
		Total PAH	$\mu g.m^{-3}$	3	17	17	pumping system (PE)	solvent cleaned glass bottles; preserved with $HgCl_2$	Freon extraction; GPAC (Sephadex LH-20); GC/FID	NS	NS	16-316	114	100	2	Note 7
81-0004	BOTTOM SEDIMENT (Cores to >10 m)	Cu	$mmol.kg^{-1}$	9	50	50	core	frozen	HF/aqua regia digestion; FAAS	±2.3%, ±3.4%	-2%, -3%	0.07-0.80	0.41	0.46	4	samples from 1 m and 10 m along core; DWB
		Cd	$\mu mol.kg^{-1}$	9	50	50	core	frozen	HF/aqua regia digestion; GFAAS	±0.14%, ±0.6%	-14%, +12%	0.44-6.41	3.383	4.18	4	samples from 1 m and 10 m along core; DWB
		Cr	$mmol.kg^{-1}$	9	50	50	core	frozen	HF/aqua regia digestion; GFAAS	±7%, ±6%	-48%, -42%	0.33-2.85	1.76	1.75	3	samples from 1 m and 10 m along core; DWB
		Zn	$mmol.kg^{-1}$	9	50	50	core	frozen	HF/aqua regia digestion; GFAAS	±12%, ±12%	-3%, -8%	0.37-14.04	2.77	2.37	4	samples from 1 m and 10 m along core; DWB
		Ni	$mmol.kg^{-1}$	9	50	50	core	frozen	HF/aqua regia digestion; GFAAS	±3%, ±3%	±1.5%, ±6%	0.10-86	0.53	0.59	4	samples from 1 m and 10 m along core; DWB
		Hg	$\mu mol.kg^{-1}$	9	50	50	core	frozen	H_2SO_4/HNO_3 digestion; CVAAS	±15%, ±12%	-5%, +3%	0.0.3-0.77	0.34	0.37	4	samples from 1 m and 10 m along core; DWB
		HEC	$mg.kg^{-1}$	9	50	50	core	frozen	reflux with n-hexane; gravimetry	NS	NS	9-6144	314	100	2	samples from 1 m and 10 m along core; DWB
81-0005	BOTTOM SEDIMENT (Surface Layer) (uncontaminated)	Aliphatic HC	$mg.kg^{-1}$	2	2	2	Ponar grab	Al cans; frozen	soxhlet extraction; GPAC; FID-GC	NS	NS	12.8-36.3	24.7	24.7	2	NPG; DWB
	BEACH SEDIMENT (contaminated)	Aliphatic HC	$mg.kg^{-1}$	2	2	2	metal spoon	Al cans; frozen	soxhlet extraction; GPAC; FID-GC	NS	NS	14.6-69.7	42.2	42.2	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0010	BOTTOM SEDIMENT (Surface Layer)	Cu	$mmol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; FAAS	±2.3%, ±3.4%	-2%, -3%	0.082-0.299	0.138	0.124	4	DWB
		Zn	$mmol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; FAAS	±12%, ±12%	-3%, -8%	0.40-1.38	0.63	0.52	4	DWB
		Cr	$mmol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; FAAS	±7%, ±6%	-46%, -42%	0.36-1.36	0.69	0.44	3	DWB
		Ni	$mmol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; GFAAS	±3%, ±3%	±1.5%, ±6%	0.160-0.426	0.221	0.204	4	DWB
		Cd	$\mu mol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; GFAAS	±0.14%, ±0.06%	-14%, +12%	0.53-2.14	1.25	0.98	4	DWB
		Pb	$\mu mol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; GFAAS	±2%, ±2%	-28%, -30%	32.4-49.7	40.1	38.6	3	DWB
		As	$mmol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; GFAAS	±1%, ±2%	-1%, -3%	0.075-0.151	0.116	0.121	4	DWB
		V	$mmol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; GFAAS	±6%, ±6%	+18%, +10%	0.18-1.24	0.49	0.37	4	DWB
		Be	$mmol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; FAAS	±0.2%, ±0.2%	+79%	0.09-0.13	0.10	0.09	3	DWB
		Fe	$mmol.kg^{-1}$	2	9	9	NS	frozen	HF/aqua regia digestion; FAAS	±0.3%, ±0.3%	+0.3%, -5.1%	145-390	186	161	4	DWB
		Hg	$\mu mol.kg^{-1}$	2	9	9	NS	frozen	H_2SO_4/HNO_3 digestion; CVAAS	±15%, ±12%	+5%, +3%	0.065-0.110	0.085	0.080	4	DWB
		HEC	$mg.kg^{-1}$	2	9	9	NS	frozen	reflux with n-hexane; gravimetry	NS	NS	5-15	11	10	2	DWB
81-0011	BOTTOM SEDIMENT (Surface Layer)	Hg	$\mu mol.kg^{-1}$	5	15	15	Ponar grab	frozen	H_2SO_4/HNO_3 digestion; CVAAS	±15%, ±11%	+2%, -4%	0.035-0.274	0.134	0.085	4	NPG; DWB
		Ni	$mmol.kg^{-1}$	5	15	15	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±3%, ±3%	-1.5%, +6%	0.17-0.92	0.53	0.63	4	DWB
		Zn	$mmol.kg^{-1}$	5	15	15	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±12%, ±12%	-8%, -3%	0.46-2.62	1.47	1.61	4	DWB
		Cu	$mmol.kg^{-1}$	5	15	15	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±3%, ±3%	-5%, -2%	0.066-0.693	0.324	0.348	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0011 (cont'd)		Cr	mmol.kg^{-1}	5	15	15	Ponar grab	frozen	HF/aqua regia digestion; FAAS	±7%, ±6%	-46%, -42%	0.62-2.19	1.47	1.58	4	DWB
		HEC	mg.kg^{-1}	5	15	15	Ponar grab	frozen	reflux with n-hexane; gravimetry	NS	NS	10.0-90.0	38.3	29.9	2	DWB
81-0012	BOTTOM SEDIMENT (Surface Layer)	HEC	mg.kg^{-1}	29	29	29	Ponar grab	frozen	reflux with n-hexane; gravimetry	NS	NS	13-194	88.3	86	2	DWB; FID-GC on selected samples
81-0013	SEA WATER	O_2	mol.m^{-3}	13	80	80	Niskin PVC sampler	Winkler flask + $MnCl_2$ + NaI	micro WT	±0.0007	NS	0.013-0.403	0.207	0.187	3	NPG
		SPM	g.m^{-3}	13	153	153	Niskin PVC sampler	ca 8-18 h	filtration (0.4 µm); gravimetry	±3.4-4.7%	NS	3.2-366.3	52.1	50.7	3	
81-0014	BOTTOM SEDIMENT (Surface Layer)	HEC	mg.kg^{-1}	1	24	24	NS	frozen	reflux with n-hexane; gravimetry	NS	NS	1-637	83	31	2	DWB; FID-GC on selected samples
81-0015A	ICE CORE	PO_4	mmol.m^{-3}	1	52	52	SIPRE corer	ice core thawed just prior to analysis	Technicon Method 158-71W; AuA	ca±0.3%	ca±3%	0.6-5.76	0.88	0.14	2	
		NO_3	mmol.m^{-3}	1	55	49	SIPRE corer	ice core thawed just prior to analysis	Technicon Method 186-72W; AuA	ca±0.4%	ca±2%	<0.1-19.4	2.1	0.3	2	includes nitrite
		Si	mmol.m^{-3}	1	49	43	SIPRE corer	ice core thawed just prior to analysis	Technicon Method 155-71W; AuA	ca±0.3%	ca±3%	<0.1-16.8	4.6	0.9	2,0	Note 3
		chl a	mg.m^{-3}	1	48	48	SIPRE corer	ice core thawed just prior to analysis	S & P	NS	NS	0.01-164.6	29.46	1.3	2	
		Phaeo	mg.m^{-3}	1	48	47	SIPRE corer	ice core thawed just prior to analysis	S & P	NS	NS	<0.01-123.80	21.42	0.24	2	
	SEA WATER	O_2	mol.m^{-3}	1	20	20	Niskin PVC sampler	Winkler flask + $MnCl_2$ + NaI	micro WT	±0.0007	NS	0.35-0.42	0.47	0.47	4	
		PO_4	mmol.m^{-3}	1	30	30	Niskin PVC sampler	frozen	Technicon Method 158-71W; AuA	±0.3%	±3%	0.21-1.52	1.07	1.13	4	
		NO_3	mmol.m^{-3}	1	30	30	Niskin PVC sampler	frozen	Technicon Method 186-72W; AuA	±0.4%	±2%	6.2-15.4	9.6	9.0	4	includes nitrite
		Si	mmol.m^{-3}	1	38	28	Niskin PVC sampler	frozen	Technicon Method 155-71W; AuA	±0.3%	±3%	16.6-49.7	26.8	25.3	4,0	Note 3

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0015A (cont'd)		chl a	mg.m^{-3}	1	24	23	Niskin PVC sampler	filtered; filters frozen	S & P	NS	NS	<0.01-2.00	0.31	0.09	2	
		Phaeo	mg.m^{-3}	1	24	24	Niskin PVC sampler	filtered; filters frozen	S & P	NS	NS	0.05-0.65	0.21	0.13	2	
81-0015B	ICE CORE	PO$_4$	mmol.m^{-3}	1	18	18	SIPRE corer	ice core thawed just prior to analysis	Technicon Method 158-71W; AuA	ca±0.3%	ca±3%	0.05-0.58	0.21	0.14	4	
		NO$_3$	mmol.m^{-3}	1	18	17	SIPRE corer	ice core thawed just prior to analysis	Technicon Method 186-72W; AuA	ca±0.4%	ca±2%	<0.1-1.1	0.7	0.7	4	includes nitrite
		Si	mmol.m^{-3}	1	16	16	SIPRE corer	ice core thawed just prior to analysis	Technicon Method 155-71W; AuA	ca±0.3%	ca±3%	0.2-3.7	1.8	1.4	4,0	Note 3
		chl a	mg.m^{-3}	1	9	9	SIPRE corer	ice core thawed just prior to analysis	S & P	NS	NS	0.17-14.50	2.89	0.93	2	
		Phaeo	mg.m^{-3}	1	9	9	SIPRE corer	ice core thawed just prior to analysis	S & P	NS	NS	0.12-4.37	0.75	0.30	2	
	SEA WATER	PO$_4$	mmol.m^{-3}	1	36	36	Niskin PVC sampler	frozen	Technicon Method 158-71W; AuA	±0.3%	±3%	0.27-1.66	0.75	0.80	4	
		NO$_3$	mmol.m^{-3}	1	36	36	Niskin PVC sampler	frozen	Technicon Method 186-72W; AuA	±0.4%	±2%	0.6-30.3	12.1	12.0	4	includes nitrite
		Si	mmol.m^{-3}	1	36	36	Niskin PVC sampler	frozen	Technicon Method 155-71W; AuA	±0.3%	±3%	29.7-59.4	38.9	34.6	4,0	Note 3
81-0018	BOTTOM SEDIMENT (Surface Layer)	Be	mmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; FAAS	±5%	+92%	0.06-0.22	0.18	0.20	1	DWB; poor accuracy
		V	mmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; FAAS	±6-±11%	+9%	0.27-4.22	2.05	1.92	4	DWB
		Cr	mmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; FAAS	±5%	-55%	0.44-2.40	1.61	1.88	1	DWB; poor accuracy
		Fe	mmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; FAAS	±3-±8%	+46%	145-770	484	530	1	DWB; poor accuracy
		Ni	mmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; GFAAS	±10%	-14%	0.09-1.18	0.58	0.58	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
81-0018 (cont'd)		Cu	mmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; FAAS	±2-±6%	-10%	0.057-0.582	0.315	0.362	4	DWB
		Zn	mmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; FAAS	+1-±5%	-11%	0.24-2.50	1.57	1.83	4	DWB
		As	mmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; GFAAS	±6-±15%	-4%	0.032-0.234	0.146	0.142	4	DWB
		Cd	µmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; GFAAS	±3%	0%	0.64-3.83	1.88	2.23	4	DWB
		Hg	µmol.kg^{-1}	19	52	52	Van Veen grab	frozen	H_2SO_4/HNO_3 digestion; CVAAS	±3%	-50%	0.030-0.753	0.268	0.299	1	DWB; poor accuracy
		Pb	µmol.kg^{-1}	19	52	52	Van Veen grab	frozen	aqua regia/HF digestion; GFAAS	±7%	0%	33.8-115.9	73.9	72.5	4	DWB
		HEC	mg.kg^{-1}	19	37	37	Van Veen grab	frozen in Al cans	reflux with n-hexane; gravimetry	NS	NS	<5-45	19.1	15	2	DWB
		TOC	mg.kg^{-1}	19	37	35	Van Veen grab	frozen in Al cans	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	NS	NS	0.00-1.22	0.59	0.68	2	DWB
		Aliphatic HC	mg.kg^{-1}	12	12	12	Van Veen grab	frozen in Al cans	soxhlet extraction; GPAC, GC	NS	NS	1.3-80.3	30.3	14.2	2	DWB
		PAH	mg.kg^{-1}	12	12	12	Van Veen grab	frozen in Al cans	soxhlet extraction; GPAC, GC	NS	NS	1.0-40.1	8.1	5.05	2	DWB
82-0093A	SEA WATER	Cd	µmol.m^{-3}	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	±2.5%	NS	0.42-0.88	0.61	0.51	3	
		Cr	µmol.m^{-3}	3	15	15	pumping system (PE)	CPE bottles, acid cleaned, co-precipitated in field with iron hydroxide	co-precipitation with iron (III) hydroxide, Cranston and Murray (1978); GFAAS	4.5%	NS	1.3-2.6	2.04	2.2	3	
		Cu	µmol.m^{-3}	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	1.5%	NS	6.3-12.5	8.29	6.8	3	
		Hg	µmol.m^{-3}	3	18	18	pumping system (PE)	hot oxidized Pyrex glass bottles	CVAAS; Bothner (1974)	30%	NS	0.02-0.05	0.04	0.03	3	
		Zn	µmol.m^{-3}	3	17	17	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	±6.0%	NS	5.4-10.2	7.01	6.9	3	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT- IONS	NO. SAM- PLES	NO. SAM- PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0093A (cont'd)		chl a	mg.m^{-3}	3	18	18	3-L PVC sampler	PE bottles, filtered shortly after collection, filter stored frozen in dark	fluorometry (Strickland and Parsons, 1972)	±8%	NS	0.01-0.05	0.02	0.0150	3	
		Phaeo	mg.m^{-3}	3	18	18	3-L PVC sampler	PE bottles, filtered shortly after collection, filter stored frozen in dark	fluorometry (Strickland and Parsons, 1972)	±5%	NS	0.02-0.04	0.03	0.03	3	
		NO_3	µmol.m^{-3}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±0.4% (est.)	±4.0% (est.)	8.5-9.8	9.1	8.8	2	precision/accuracy for method; no specific data for this data set
		SiO_3	mmol.m^{-3}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	22.8-38.2	27.6	24.5	2	precision/accuracy for method; no specific data for this data set
		SRP	mmol.kg^{-1}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	0.89-1.97	1.43	1.24	2	precision/accuracy for method; no specific data for this data set
		O_2	mol.m^{-3}	3	9	9	3-L PVC sampler, storage bottles rinsed twice with sample	drawn immediately into calibrated, stoppered 125 mL Erlenmeyer flasks, oxygen fixed with manganese oxides in alkaline iodide solution	micro WT, Caritt and Carpenter (1966)	±0.05% (est.)	NS	0.355-0.395	0.372	0.364	2	precision/accuracy for method; no specific data for this data set
		Alk	equiv.m^{-3}	3	9	9	3-L PVC sampler	drawn after oxygen samples, 500 mL Pyrex glass bottles,	potentiometric titration (Edmond, 1970)	±0.17% (est.)	0.17% (est.)	2.486-2.676	2.524	2.514	2	precision/accuracy for method; no specific data for this data set
		SPM	g.m^{-3}	3	18	18	pumping system (PE)	PE bottles (temporary)	vacuum filtration through 0.4 µm pore diameter Nuclepore filters, oven dried, weighed	NS	NS	0.1-1.3	0.87	0.55	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0093A (cont'd)		Total PAH	$\mu g.m^{-3}$	3	12	12	pumping system (PE)	solvent cleaned glass bottles; preserved with $HgCl_2$	Freon extraction; GPAC (Sephadex LH-20); GC/FID	NS	NS	14-189	67	29	2	Note 7
82-0093B	SEA WATER	Cd	$\mu mol.m^{-3}$	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	2.5%	NS	0.42-0.78	0.61	0.51	3	
		Cr	$\mu mol.m^{-3}$	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, co-precipitated in field with iron hydroxide	co-precipitation with iron (III) hydroxide, Cranston and Murray (1978); GFAAS	4.5%	NS	0.7-3.1	2.24	1.6	3	
		Cu	$\mu mol.m^{-3}$	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	±1.5%	NS	5.4-17.8	8.6	5.9	3	
		Hg	$\mu mol.m^{-3}$	3	19	19	pumping system (PE)	hot oxidized Pyrex glass bottles	CVAAS; Bothner (1974)	30%	NS	0.02-0.06	0.04	0.04	3	
		Zn	$\mu mol.m^{-3}$	3	18	18	pumping system (PE)	CPE bottles, acid cleaned, pH to 1.8 with Ultrex HCl	APDC/DDDC extraction (Danielsson et al., 1978); GFAAS	6.0%	NS	3.1-7.6	5.7	4.5	3	
		chl a	$mg.m^{-3}$	3	18	18	3-L PVC sampler	PE bottles, filtered shortly after collection, filter stored frozen in dark	fluorometry (Strickland and Parsons, 1972)	±8%	NS	0.02-0.44	0.12	0.05	3	
		Phaeo	$mg.m^{-3}$	3	18	18	3-L PVC sampler	PE bottles, filtered shortly after collection, filter stored frozen in dark	fluorometry (Strickland and Parsons, 1972)	±3%	NS	0.06-0.30	0.12	0.08	3	
		NO_3	$mmol.m^{-3}$	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±0.4% (est.)	±4.0% (est.)	6.2-13.3	8.5	7.2	2	precision/accuracy for method; no specific data for this data set
		SiO_3	$mmol.m^{-3}$	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	17.3-42.7	25.5	20.3	2	precision/accuracy for method; no specific data for this data set

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0093B (cont'd)		SRP	mmol.m^{-3}	3	18	18	3-L PVC sampler	glass vials, 0.1N HCl cleaned/plastic vials, 0.1N HCl cleaned, all stored frozen	Technicon II autoanalyzer, Macdonald and McLaughlin (1982)	±.3% (est.)	±5.0% (est.)	0.24-2.32	1.23	0.77	2	precision/accuracy for method; no specific data for this data set
		O_2	mol.m^{-3}	3	9	9	3-L PVC sampler	drawn immediately into calibrated, stoppered 125 mL Erlenmeyer flasks, oxygen fixed with manganese oxides in alkaline iodide solution	micro WT, Caritt and Carpenter (1966)	±0.05% (est.)	NS	0.356-0.502	0.399	0.362	2	precision/accuracy for method; no specific data for this data set
		TOC	mol.m^{-3}	3	10	10	3-L PVC sampler	flint glass bottles stored frozen, caps lined with solvent cleaned Teflon or aluminum foil	wet oxidation, Menzel and Vaccaro (1974), non-dispersive infra-red analyzer	±0.3% (est.)	±5.0% (est.)	0.086-0.394	0.160	0.101	2	precision/accuracy for method; no specific data for this data set
		Alk	equiv m^{-3}	3	9	9	3-L PVC sampler	drawn after oxygen samples, 500 mL Pyrex glass bottles, tightly sealed, $HgCl_2$ added as a preservative	potentiometric titration (Edmond, 1970)	±0.17% (est.)	0.17% (est.)	2.451-2.970	2.515	2.458	2	precision/accuracy for method; no specific data for this data set
		SPM	g.m^{-3}	3	15	15	pumping system (PE)	PE bottles (temporary) diameter Nuclepore filters, oven dried, weighed	vacuum filtration through 0.4 µm pore	NS	NS	0.6-2.2	1.2	1.1	2	
		Total PAH	µg.m^{-3}	3	3	3	pumping system (PE)	solvent cleaned glass bottles; preserved with $HgCl_2$	Freon extraction; GPAC (Sephadex LH-20); GC/FID	NS	NS	65-221	165	208	2	Note 7
	SEDIMENTS	2-Methyl Naphthalene	µmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.070-0.232	0.124	0.0915	2	DWB
		B(a)A	µmol.kg^{-1}	3	3	3	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0877-1.23	0.503	0.189	2	DWB
		B(a)P	µmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0317-0.357	0.230	0.147	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0093B (cont'd)		B(e)P	$\mu mol.kg^{-1}$	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0754-0.520	0.368	0.226	2	DWB
		CHR	$\mu mol.kg^{-1}$	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.101-0.724	0.388	0.279	2	DWB
		FLU	$\mu mol.kg^{-1}$	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0446-0.243	0.163	0.107	2	DWB
		Fluorene	$\mu mol.kg^{-1}$	3	5	5	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0542-0.103	0.0855	0.0904	2	DWB
		NAPH	$\mu mol.kg^{-1}$	3	2	2	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0469-0.0703	0.0586	0.0586	2	DWB
		PERY	$\mu mol.kg^{-1}$	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.214-1.068	0.728	0.476	2	DWB
		PHEN	$\mu mol.kg^{-1}$	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.107-0.612	0.411	0.287	2	DWB
		PYR	$\mu mol.kg^{-1}$	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	0.0693-0.371	0.247	0.161	2	DWB
		Total PAH	$ng.g^{-1}$	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	solvent rinsed and oven baked aluminum cans, stored frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH-20); GC/FID	NS	NS	158-895	670	519	2	DWB
		Cd	$mmol.kg^{-1}$	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±2%-±7.4%	+6.8%, +8.0%	0.0020-0.0036	0.0026	0.0022	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0093B (cont'd)		Cr	mmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±2%-±10.7%	-51.0%, -54.6%	1.81-2.81	2.32	2.23	3	DWB
		Cu	mmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±2%-±0.8%	-0.8%, -3.9%	0.310-0.445	0.390	0.361	4	DWB
		Hg	µmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	Agemian and Chau (1976); CVAAS; Bothner (1974)	±8.2%-±12%	-1.2%, -3.1%	0.264-0.384	0.322	0.294	4	DWB
		Zn	µmol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±4.4%-±0.9%	-4.2%, -10.1%	1.82-2.57	2.14	1.92	4	DWB
		TOC	mol.kg^{-1}	3	6	6	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	oxidation ($K_2Cr_2O_7$); titration with Fe ammonium sulphate (Gaudette et al., 1974)	±0.30%	±3.0%	0.766-0.883	0.841	0.816	4	DWB
		Clay	% (<44 µm fraction)	3	3	3	stainless steel box grab sampler (sampling area 0.023 m^2)	frozen in Whirlpak bags	dry sieved through nest (840 µm, 300 µm, 140 µm, 74 µm, 44 µm) of standard screens	NS	NS	66.0-96.3	76.9	68.5	2	DWB
	SUSPENDED PARTICULATES	Cd	µmol.kg^{-1}	2	7	7	PIT	PE bottles	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±2.0%-±7.4%	+6.8%, +8.0%	2.7-28.3	10.6	6.4	4	DWB
		Cr	mmol.kg^{-1}	2	7	7	PIT	PE bottles	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±2.0%-±10.7%	-51.0%, -54.6%	2.462-5.000	3.421	2.789	3	DWB
		Cu	mmol.kg^{-1}	2	7	7	PIT	PE bottles	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±2.0%-±0.6%	-0.8%, -3.9%	0.452-1.224	0.723	0.540	4	DWB
		Hg	µmol.kg^{-1}	2	4	4	PIT	PE bottles	hot acid oxidation; Agemian and Chau (1976); CVAAS	±8.2%-±12.0%	+1.2%, -3.1%	0.997-1.645	1.321	1.172	4	DWB
		Zn	mmol.kg^{-1}	2	7	7	PIT	PE bottles	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±4.4%-±0.9%	-4.2%, -10.1%	2.62-5.51	3.42	3.03	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0093B (cont'd)		TOC	mol.kg^{-1}	2	4	4	PIT	PE bottles	oxidation ($K_2Cr_2O_7$); titration with Fe ammonium sulphate (Gaudette et al., 1974)	±0.3%	±3%	1.16-1.34	1.23	1.21	4	DWB
82-0094	SEDIMENTS	Cd	μmol.kg^{-1}	4	7	7	Van Veen grab	stored in a plastic bag with 10% buffered formalin	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±7%	-7%, +8%	0.9-4.1	1.8	1.2	4	DWB
		Cr	mmol.kg^{-1}	4	7	7	Van Veen grab	stored in a plastic bag with 10% buffered formalin	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±8%	-27%, -28%	1.00-1.50	1.26	1.31	4	DWB
		Cu	mmol.kg^{-1}	4	7	7	Van Veen grab	stored in a plastic bag with 10% buffered formalin	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±3%	-3%, +3%	0.131-0.567	0.318	0.244	4	DWB
		Fe	mol.kg^{-1}	4	7	7	Van Veen grab	stored in a plastic bag with 10% buffered formalin	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±10%	0.17%	0.346-0.659	0.463	0.403	4	DWB
		Hg	μmol.kg^{-1}	4	7	7	Van Veen grab	stored in a plastic bag with 10% buffered formalin	HNO_3/H_2SO_4 digestion; Agemian and Chau (1976); CVAAS	±8%	±3.0%	0.0847-0.3889	0.2151	0.1845	4	DWB
		Ni	mmol.kg^{-1}	4	7	7	Van Veen grab	stored in a plastic bag with 10% buffered formalin	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±11%	-3%, -7%	0.443-0.579	0.494	0.477	4	DWB
		Pb	μmol.kg^{-1}	4	7	6	Van Veen grab	stored in a plastic bag with 10% buffered formalin	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±12%	-27%	17.9-33.3	23.5	19.8	4	DWB
		Zn	mmol.kg^{-1}	4	7	7	Van Veen grab	stored in a plastic bag with 10% buffered formalin	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±3%	±4.0%	0.841-1.90	1.27	1.09	4	DWB
		Clay	% (<38μm fraction)	4	20	20	Van Veen grab	stored in a plastic bag with 10% buffered formalin	sieved through nest (2.0 mm, 850 μm, 425 μm, 250 μm, 150 μm, 75 μm and 38 μm) of standard screens	NS	NS	0.7-77.7	31.6	14.9	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0095	SEA WATER	O_2	mol.m^{-3}	15	30	30	duplicate samples were collected in 300 mL glass BOD bottles	preserved with 2 mL manganese sulphate and 2 mL alkali-iodide-azide solution	Iodometric Azide Modification Winkler Titration Method, Department of Environment (1979), method #48	NS	NS	0.322-0.344	0.329	0.325	2	
		NFR	g.m^{-3}	14	29	29	Kahlsisco Model 135 water sampler	filters in foil on dry ice	a 1 litre water sample was filtered through a pre-weighed glass fibre filter with a 1.5 µm pore size	NS	NS	4-18	8.3	8	2	
	SEDIMENTS	Ag	µmol.kg^{-1}	14	41	0	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	FAAS. Department of Environment (1976), method #340	NS	NS	-	-	-	2	DWB
		Al	mol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.32-1.07	0.67	0.67	2	DWB
		As	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.067-0.270	0.189	0.192	2	DWB
		B	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	1.21-8.86	3.77	4.32	2	DWB
		Ba	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.743-3.407	1.702	1.638	2	DWB
		Be	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.022-0.1110	0.061	0.066	2	DWB
		Ca	mol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.174-1.14	0.504	0.302	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0095 (cont'd)		Cd	µmol.kg^{-1}	14	41	0	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	GFAAS. Department of Environment (1976), method #330	NS	NS	-	-	-	2	DWB; 5 samples judged to be contaminated and assigned values of <d.l.
		Co	µmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	71-309	189	178	2	DWB
		Cr	µmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	312-912	585	587	2	DWB
		Cu	µmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	GFAAS. Department of Environment (1976), method #330	NS	NS	90-568	336	419	2	DWB
		Fe	mol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.304-0.750	0.507	0.505	2	DWB
		Hg	µmol.kg^{-1}	14	39	39	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	flameless AA. Department of Environment (1976), method #370	NS	NS	0.80-1.94	1.37	1.30	2	DWB
		K	mol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	FAAS. Department of Environment (1976), method #340	NS	NS	0.039-0.188	0.105	0.105	2	DWB
		Mg	mol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.173-0.420	0.301	0.301	2	DWB
		Mn	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	4.62-9.67	7.45	7.30	2	DWB
		Mo	µmol.kg^{-1}	14	41	2	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	<8.34-18.8	15.1	15.1	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0095 (cont'd)		Na	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	12.2-323.6	94.8	87.0	2	DWB
		Ni	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.238-0.698	0.471	0.477	2	DWB
		Oils and Grease	mg/kg	14	41	37	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	petroleum ether soxhlet extraction. Department of Environment (1976), method #725	NS	NS	<55-2340	405	177	2	DWB
		P	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	27.2-64.9	39.6	38.1	2	DWB
		Pb	µmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	19.3-91.7	48.3	48.3	2	DWB
		Si	mol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.104-0.247	0.174	0.172	2	DWB
		Sn	µmol.kg^{-1}	14	41	5	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	6.74-25.3	20.2	16.9	2	DWB
		Sr	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.547-1.36	0.892	0.769	2	DWB
		Ti	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	2.09-8.90	3.77	3.36	2	DWB
		V	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.569-1.86	1.15	1.19	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0095 (cont'd)		Zn	mmol.kg^{-1}	14	41	41	Ekman dredge, placed in geochemical sampling bags within Whirlpak bags	frozen and kept cool during transportation	ICAP combined with OES. Department of Environment (1976), method #320	NS	NS	0.786-2.19	1.51	1.56	2	DWB
82-0097	SEDIMENTS	PAH	µg.g^{-1}	12	12	12	modified Van Veen grab	frozen	GPAC (Sephadex LH-20)	NS	NS	7.3-235	78.8	51.4	2	DWB
		RH	µg.g^{-1}	12	12	12	modified Van Veen grab	frozen	GPAC (Sephadex LH-20)	NS	NS	0.1-38.1	15.3	9.2	2	DWB
		UCM	µg.g^{-1}	12	12	12	modified Van Veen grab	frozen	GPAC (Sephadex LH-20)	NS	NS	7.2-197	63.5	37.2	2	DWB
		Cd	µmol.kg^{-1}	21	21	21	modified Van Veen grab	frozen	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±6% ±6%	+16%, -15%	0.63-5.6	2.8	2.7	4	DWB
		Cr	mmol.kg^{-1}	21	21	21	modified Van Veen grab	frozen	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±8% ±8%	-28%, -23%	0.25-2.27	1.46	1.75	4	DWB
		Cu	mmol.kg^{-1}	21	21	21	modified Van Veen grab	frozen	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±2% ±2%	-9%, -1%	0.071-0.519	0.339	0.456	4	DWB
		Hg	µmol.kg^{-1}	21	21	21	modified Van Veen grab	frozen	HNO_3/H_2SO_4 digestion; Agemian and Chau (1976); CVAAS	±10% ±10%	+2%, 0%	0.08-0.53	0.32	0.36	4	DWB
		Ni	mmol.kg^{-1}	21	21	21	modified Van Veen grab	frozen	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±9% ±9%	-14%, -16%	0.307-1.21	0.801	0.988	4	DWB
		Zn	mmol.kg^{-1}	21	21	21	modified Van Veen grab	frozen	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±4% ±4%	-8%, -3%	0.47-2.39	1.61	2.10	4	DWB
		Clay	% (<38µm fraction)	12	12	12	modified Van Veen grab	frozen	wet sieved through nest (2.0 mm, 850 µm, 425 µm, 250 µm, 150 µm, 75 µm and 38 µm) of standard screens	NS	NS	0.7-98.5	57.3	45.0	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0098	SEDIMENTS	ANTH	μmol.kg^{-1}	21	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±44%	NS	0.0001-0.23	0.021	0.011	3	Marine sediment; DWB
		ANTH	μmol.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±44%	NS	0.0006-0.056	0.013	0.003	3	Beach sediment; DWB
		B(a)A	μmol.kg^{-1}	21	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±36%	NS	0.0033-1.07	0.114	0.060	3	Marine sediment; DWB
		B(a)A	μmol.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±36%	NS	0.0008-1.02	0.088	0.011	3	Beach sediment; DWB
		B(a)P	μmol.kg^{-1}	21	43	42	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±46%	NS	0.0000-0.84	0.118	<0.033	3	Marine sediment; DWB
		B(a)P	μmol.kg^{-1}	16	16	14	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±46%	NS	0.0000-0.70	0.083	<0.004	3	Beach sediment; DWB
		B(b)A	μmol.kg^{-1}	16	16	10	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	NS	NS	0.0000-0.045	0.008	0.00	2	Beach sediment; DWB
		B(b)A	μmol.kg^{-1}	21	43	36	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	NS	NS	0.000-0.118	0.015	<0.003	2	Marine sediment; DWB
		B(e)P	μmol.kg^{-1}	21	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±13%	NS	0.006-1.075	0.244	0.185	3	Marine sediment; DWB
		B(e)P	μmol.kg^{-1}	16	16	14	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±13%	NS	0.000-3.913	0.321	<0.077	3	Beach sediment; DWB
		BF	μmol.kg^{-1}	16	16	9	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±11%	NS	0.000-6.984	0.799	0.000	3	Beach sediment; DWB
		BF	μmol.kg^{-1}	21	43	36	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±11%	NS	0.000-2.508	0.278	<0.039	3	Marine sediment; DWB
		CHR	μmol.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±15%	NS	0.002-5.355	0.381	0.023	3	Beach sediment; DWB
		CHR	μmol.kg^{-1}	21	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±15%	NS	0.011-2.211	0.291	0.202	3	Marine sediment; DWB
		FLU	μmol.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±11%	NS	0.002-2.416	0.178	0.008	3	Beach sediment; DWB
		FLU	μmol.kg^{-1}	21	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±11%	NS	0.005-3.921	0.232	0.098	3	Marine sediment; DWB
		Fluorene	μmol.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±15%	NS	0.002-1.355	0.127	0.004	3	Beach sediment; DWB
		Fluorene	μmol.kg^{-1}	21	43	42	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±15%	NS	0.000-0.363	0.118	<0.054	3	Marine sediment; DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0098 (cont'd)		NAPH	µmol.kg^{-1}	21	43	42	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±46%	NS	0.004-0.449	0.112	<0.036	3	Marine sediment; DWB
		NAPH	µmol.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±46%	NS	0.002-1.313	0.094	0.008	3	Beach sediment; DWB
		PERY	µmol.kg^{-1}	21	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±12%	NS	0.0119-4.0397	0.717	0.651	3	Marine sediment; DWB
		PERY	µmol.kg^{-1}	16	16	14	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±12%	NS	0.000-3.349	0.284	<0.009	3	Beach sediment; DWB
		PHEN	µmol.kg^{-1}	21	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±21%	NS	0.011-1.972	0.472	0.392	3	Marine sediment; DWB
		PHEN	µmol.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±21%	NS	0.006-8.848	0.623	0.016	3	Beach sediment; DWB
		PHYT	µmol.kg^{-1}	23	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GC(FID)	±4.5%	NS	0.003-0.074	0.006	0.005	3	Marine sediment; DWB
		PHYT	µmol.kg^{-1}	16	15	15	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GC(FID)	±4.5%	NS	0.003-0.008	0.004	0.004	3	Beach sediment; DWB
		PRIS	µmol.kg^{-1}	23	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GC(FID)	±9.6%	NS	0.003-0.008	0.006	0.005	3	Marine sediment; DWB
		PRIS	µmol.kg^{-1}	16	15	15	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GC(FID)	±9.6%	NS	0.003-0.009	0.005	0.004	3	Beach sediment; DWB
		PYR	µmol.kg^{-1}	21	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GCMS	±18%	NS	0.007-3.604	0.275	0.178	3	Marine sediment; DWB
		PYR	µmol.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GCMS	±18%	NS	0.002-2.599	0.201	0.012	3	Beach sediment; DWB
		SUM ALK	µg.kg^{-1}	23	43	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction; GPAC, GC	±32%	NS	116-28775	9694	10385	3	Marine sediment; DWB
		SUM ALK	µg.kg^{-1}	16	16	16	plastic scoop	frozen in Whirlpak bags	soxhlet extraction; GPAC, GC	±32%	NS	75-26537	3088	444	3	Beach sediment; DWB
		Cd	µmol.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±12.2%-±13.5%	-1.3%, -10.3%	0.000-8.304	2.092	1.531	4	Marine sediment; DWB
		Cd	µmol.kg^{-1}	42	40	40	plastic scoop	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±12.2%-±13.5%	-1.3%, -10.3%	0.142-2.439	0.709	0.386	4	Beach sediment; DWB
		Cr	mmol.kg^{-1}	42	40	40	plastic scoop	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±5.2%-±6.3%	-15.3%, -19.4%	0.140-1.156	0.287	0.189	4	Beach sediment; DWB
		Cr	mmol/kg	67	201	201	brass Ekman grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±5.2%-±6.3%	-15.3%, -19.4%	0.021-2.173	0.887	0.688	4	Marine sediment; DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0098 (cont'd)		Cu	mmol.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±4.9%-±9.7%	+2.5%, +6.9%	0.004-0.765	0.263	0.222	4	Marine sediment; DWB
		Cu	mmol.kg^{-1}	42	40	40	plastic scoop	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±4.9%-±9.7%	+2.5%, +6.9%	0.033-0.233	0.092	0.056	4	Beach sediment; DWB
		Fe	mol.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±4.3%-±6.7%	-7.1%, -8.5%	0.012-9.627	0.412	0.306	4	Marine sediment; DWB
		Fe	mol.kg^{-1}	42	40	40	plastic scoop	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±4.3%-±6.7%	-7.1%, -8.5%	0.073-0.586	0.208	0.125	4	Beach sediment; DWB
		Hg	µmol.kg^{-1}	42	40	40	plastic scoop	frozen in Whirlpak bags	H_2SO_4/HNO_3 digestion; CVAAS	±9.4%-±7.8%	+10.8%, +9.2%	0.001-0.289	0.046	0.017	4	Beach sediment; DWB
		Hg	µmol.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	H_2SO_4/HNO_3 digestion; CVAAS	±9.4%-±7.8%	+10.8%, +9.2%	0.005-0.749	0.209	0.155	4	Marine sediment; DWB
		Ni	mmol.kg^{-1}	42	40	40	plastic scoop	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±9.3%-±5.0%	+8.0%, +7.4%	0.313-0.786	0.401	0.3530	4	Beach sediment; DWB
		Ni	mmol.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±9.3%-±5.0%	+8.0%, +7.4%	0.001-1.391	0.617	0.509	4	Marine sediment; DWB
		Pb	mmol.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±17.8%-±10.1%	-11.0%, -10.0%	0.001-0.175	0.067	0.058	4	Marine sediment; DWB
		Pb	mmol.kg^{-1}	42	40	40	plastic scoop	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±17.8%-±10.1%	-11.0%, -10.0%	0.022-0.068	0.035	0.028	4	Beach sediment; DWB
		Zn	mmol.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±3.0%-±2.9%	+1.7%, -4.4%	0.009-2.984	1.298	1.062	4	Marine sediment; DWB
		Zn	mmol.kg^{-1}	42	40	40	plastic scoop	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±3.0%-±2.9%	+1.7%, -4.4%	0.239-1.394	0.511	0.344	4	Beach sediment; DWB
		TOC	mol.kg^{-1}	42	41	41	plastic scoop	frozen in Whirlpak bags	oxidation (acidic $K_2Cr_2O_7$) titration with Fe ammonium sulphate	±1.3%	±2.9% (est.)	0.000-20.0	1.91	0.833	3	Beach sediment; DWB
		TOC	mol.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	oxidation (acidic $K_2Cr_2O_7$) titration with Fe ammonium sulphate	±1.3%	±2.9% (est.)	0.000-5.75	0.76	0.58	3	Marine sediment; DWB
		Clay	% (<38µm fraction)	43	43	43	plastic scoop	frozen in Whirlpak bags	sieved through 38 µm mesh	NS	NS	0.0-43.2	2.0	1.0	2	Beach sediment; DWB
		Clay	% (<38µm fraction)	67	201	201	brass Ekman grab	frozen in Whirlpak bags	sieved through 38 µm mesh	NS	NS	0.1-98.3	36.9	21.8	2	Marine sediment; DWB
		HEC	mg.kg^{-1}	43	43	43	plastic scoop	frozen in Whirlpak bags	reflux with n-hexane; gravimetry	±15%	NS	4-240	42.9	32	3	Beach sediment; DWB
		HEC	mg.kg^{-1}	67	201	201	brass Ekman grab	frozen in Whirlpak bags	reflux with n-hexane; gravimetry	±15%	NS	5-2436	91.6	40	3	Marine sediment; DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0100	SEDIMENTS	Cr	$mmol.kg^{-1}$	1	9	9	Geopodes IX suction dredge	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±10%	-42%	1.160-1.790	1.523	1.480	3	DWB; a correction factor was applied to the chromium results to compensate for the low recovery.
		Cu	$mmol.kg^{-1}$	1	9	9	Geopodes IX suction dredge	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±4%	-2%	0.181-0.360	0.254	0.238	4	DWB
		Hg	$\mu mol.kg^{-1}$	1	9	9	Geopodes IX suction dredge	frozen in Whirlpak bags	HNO_3/H_2SO_4 digestion; Agemian and Chau (1976); CVAAS	±7%	+9%	0.2030-0.3390	0.2702	0.2530	4	DWB
		Ni	$mmol.kg^{-1}$	1	9	9	Geopodes IX suction dredge	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); GFAAS	±10%	+7%	0.288-0.445	0.362	0.353	4	DWB
		Zn	$mmol.kg^{-1}$	1	9	9	Geopodes IX suction dredge	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion, Buckley and Cranston (1971); FAAS	±3%	-5%	1.03-1.55	1.28	1.32	4	DWB
		TOC	$mol.kg^{-1}$	1	9	9	Geopodes IX suction dredge	frozen in Whirlpak bags	oxidation (acidic $K_2Cr_2O_7$); titration with Fe ammonium sulphate	±1%	±3%	0.64-1.04	0.90	0.97	4	DWB
		Clay	% (<45 µm fraction)	1	9	9	Geopodes IX suction dredge	frozen in Whirlpak bags	wet sieved through nest (840 µm, 300 µm, 140 µm, 74 µm, 44 µm) of standard screens	NS	NS	33.1-59.3	46.4	48.0	2	
		HEC	mg/kg	1	9	9	Geopodes IX suction dredge	frozen in Whirlpak bags	refluxed with hexane; evaporite solvent; gravimetry	NS	NS	80-220	144	130	2	DWB
82-0132	SEDIMENTS	Clay	Wt % finer	15	15	15	Van Veen grab	frozen	wet sieved through nest (2.0 mm, 850 µm, 425 µm, 250 µm, 150 µm, 75 µm and 38 µm) of standard screens	NS	NS	1.8-87.2	40.2	48.5	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT- IONS	NO. SAM- PLES	NO. SAM- PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133	SEDIMENTS	(1,1-dimethylethyl) -4-methoxyphenol	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-333	333	-	2	DWB
		(1-butylheptyl)-benzene	$nmol.kg^{-1}$	3	5	0	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	-	-	-	2	DWB
		(1-methylbutyl)-oxirane	$nmol.kg^{-1}$	3	5	0	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	-	-	-	2	DWB
		(e)-1,1'-(1,2-ethenediyl)-bisbenzene	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-55.6	55.6	-	2	DWB
		1,1'-biphenyl-4-carboxaldehyde	$nmol.kg^{-1}$	3	5	3	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	55-440	238	220	2	DWB
		1,1'biphenyl	$nmol.kg^{-1}$	3	5	3	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	65-390	217	195	2	DWB
		1,2,3-trimethyl-benzene	$nmol.kg^{-1}$	3	5	0	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	-	-	-	2	DWB
		1,2-diphenyl-hydrazine	$nmol.kg^{-1}$	3	5	2	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	54-54	54	54	2	DWB
		1,3,3-trimethyl-bicyclo(2,2,1)-heptan-2-ol	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-132	132	-	2	DWB
		1,6-etheneoazulene, 1,3A,6,8A-tetrahydro	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-333	333	-	2	DWB
		1-(methylphenyl)-ethanone	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-294	294	-	2	DWB
		11H-benzo(a)-fluorene	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-185	185	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		16,17-dihydro-3(1-methylethyl) 15H-cyclopenta(a)-phenanthrene	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-115	115	-	2	DWB
		1H-phenanthro-(9,10-d) imidazole	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-184	184	-	2	DWB
		2,4-dihydroxy-6-methylbenzoic-acid, methylester	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-294	294	-	2	DWB
		2,6-bis(1,1-dimethylethyl)-2,5-cyclohexadiene-1,4-dione	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	-	-	-	2	DWB
		2-ethylhexanoic-acid	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-208	208	-	2	DWB
		2-ethylphenol	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-331	331	-	2	DWB
		2-hydroxy-3-methoxy-benzoicacid, methylester	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-165	165	-	2	DWB
		2-methylphenol	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-648	648	-	2	DWB
		2-phenyl-naphthalene	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-147.1	147	-	2	DWB
		3,6-dichloro-9H-carbazole	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-255.3	255.3	-	2	DWB
		3-ethenyl-4-methyl-1H-pyrrole-2,5-dione	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-71.9	71.9	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		3-ethyl-4-methyl-1H-pyrrole-2,5-dione	$nmol.kg^{-1}$	3	5	3	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	0.0-636	394	546	2	DWB
		3-hydroxy-benzaldehyde	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-164	164	-	2	DWB
		4(1,1-dimethyl)-ethylphenol	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-667	667	-	2	DWB
		4,5-dimethyl-2-oxide-1,3,2-dioxathiolane	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-309	309	-	2	DWB
		4-(1-azido-1-methylethyl)-1,1'-biphenyl	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-211	211	-	2	DWB
		4-hydroxy-benzaldehyde	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-82	82	-	2	DWB
		4-methyl-2-quinolinecarbonitrile-1-oxide	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-48	48	-	2	DWB
		4-methyl-dibenzofuran	$nmol.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	0.0-275	86	28	2	DWB
		4-methylphenol	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-278	278	-	2	DWB
		7H-benz(de)-anthracen-7-one	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-216	216	-	2	DWB
		9,10-phenanthrene-dione	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-48	48	-	2	DWB
		9-octadecanoic-acid	$nmol.kg^{-1}$	3	5	0	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	-	-	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		9H-acridinone	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-51	51	-	2	DWB
		9H-anthracenone	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-155	155	-	2	DWB
		9H-fluoren-9-one	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-333	333	-	2	DWB
		9H-xanthene	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	35-354	144	93	2	DWB
		Acenaphthene	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-65	65	-	2	DWB
		Acenaphthylene	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	0.0-66	33	33	2	DWB
		Alkylated PAH	μg.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	13-2810	1361	1070	2	DWB
		ANTH	nmol.kg^{-1}	3	5	3	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	0.225-39.3	23	28	2	DWB
		Benz(a)anthracene	nmol.kg^{-1}	3	5	2	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	44-175	110	110	2	DWB
		Benz(a)anthracene,1,2,3,4,7,12-hexahydro	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-86	86	-	2	DWB
		Benzenecarbothioicacid, hydrazide	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-48	48	-	2	DWB
		B(a)P	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	2-1191	469	397	2	DWB
		benzo(b),(j) and (k)fluoranthene	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	8-2381	1192	1191	2	DWB
		Benzo(b)-naphthol(2,1-d)-thiophene	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-385	385	-	2	DWB
		B(e)P	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	4-3571	1509	1587	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		B(g,h,i)-perylene	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	181-3623	1404	634	2	DWB
		Bis(2-ethylhexyl)-phthalate	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	21-513	266	205	2	DWB
		C2-(benz(a)-anthracene /chrysene)	nmol.kg^{-1}	3	5	3	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	17-4414	1541	191	2	DWB
		C2-(fluoranthene /pyrene)	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	1-2000	552	44	2	DWB
		C2-(phenanthrene /anthracene)	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	1-893	283	102	2	DWB
		C2-dibenzothio-phenes	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	6-222	86	28	2	DWB
		C2-fluorenes	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	5-196	68	21	2	DWB
		C2-naphthalenes	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	10-1438	573	163	2	DWB
		C3-(fluoranthene /pyrene)	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	37-1217	418	209	2	DWB
		C3-(phenanthrene /anthracene)	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	1-418	160	50	2	DWB
		C3-naphthalenes	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	9-977	365	86	2	DWB
		C4-(fluoranthene /pyrene)	nmol.kg^{-1}	3	5	2	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	78-357	217	217	2	DWB
		C4-(phenanthrene /anthracene)	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	2-385	134	17	2	DWB
		C4-naphthalenes	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	1-106	41	19	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		Chrysene /triphenylene	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	1-1754	816	790	2	DWB
		Di-n-butylphthalate	nmol.kg^{-1}	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-32	32	-	2	DWB
		Diallylacetyl-palmitaldehyde	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	-	-	-	2	DWB
		Dibenz(a,h)-anthracene	nmol.kg^{-1}	3	5	2	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	72-719	396	396	2	DWB
		Dibenzofuran	nmol.kg^{-1}	3	5	2	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	119-298	208	208	2	DWB
		Dibenzothiophene	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	2-217	120	109	2	DWB
		Diisooctyl-phthalate	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	-	-	-	2	DWB
		Dimethyl-phthalate	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	5-46	19	16	2	DWB
		FLU	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	0.2-248	159	198	2	DWB
		Fluorene	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	1-361	157	60	2	DWB
		Indeno(1,2,3-c,d)pyrene	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	109-725	362	326	2	DWB
		isoprenoid-hydrocarbons (C13-C20)	µg.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	60-2120	928	640	2	DWB
		Methyl(benz-(a)anthracene/chrysene)s	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	2-2562	1133	1074	2	DWB
		Methyl(fluoranthene/pyrene)s	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	1-1250	738	690	2	DWB
		Methyl(phenanthrene/anthracene)s	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	7-1823	783	625	2	DWB
		Methyldibenzo-thiophenes	nmol.kg^{-1}	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	3-323	130	71	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		Methyl-fluorenes	$nmol.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	3-400	133	50	2	DWB
		Methylnaphthalenes	$nmol.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	6-845	522	775	2	DWB
		N,N-dimethylbenzo (c)cinnolin-4-amine	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-135	135	-	2	DWB
		n-alkanes (nC11-nC33)	$\mu g.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	230-12000	6226	5900	2	DWB
		N-nitrosodiphenylamine	$nmol.kg^{-1}$	3	5	2	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	0.05-10	5	5	2	DWB
		NAPH	$nmol.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	5-313	153	156	2	DWB
		PERY	$nmol.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	8-7937	3652	3571	2	DWB
		PHEN	$nmol.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	6-1124	642	506	2	DWB
		Phenol	$nmol.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	745-2872	1506	1277	2	DWB
		Phthalate-diesters	$\mu g.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	14-220	119	94	2	DWB
		PYR	$nmol.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	0.5-545	307	347	2	DWB
		Silicicacid (H_4SiO_4),tetrapropylester	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-152	152	-	2	DWB
		Trans-1,2-dichlorocyclohexane	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-327	327	-	2	DWB
		Trans-2-chlorocyclohexanol	$nmol.kg^{-1}$	3	5	1	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	<dl-2985	2985	-	2	DWB
		Unsubstituted PAH	$\mu g.kg^{-1}$	3	5	5	Van Veen grab	frozen in Whirlpak bags	SE/LC; GCMS and GC/FID	NS	NS	8-5270	2550	2950	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		Aldrin	nmol/kg	3	5	1	Van Veen grad	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	<dl-0.14	0.14	-	2	DWB
		cis-chlordane	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		Dieldrin	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		Endrin	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		Heptachlor	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		Heptachlor-epoxide	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		LIND	nmol.kg^{-1}	3	5	3	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	0.17-0.24	0.21	0.21	2	DWB
		Methoxychlor	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	0.29-1.45	0.72	0.58	2	DWB
		Mirex	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		o,p'-DDD	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		o,p'-DDE	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		o,p'-DDT	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		p,p'-DDD	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		p,p'-DDE	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		p,p'-DDT	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		PCB	µg.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		trans-chlordane	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		β-BHC	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	0.17-0.21	0.20	0.19	2	DWB
		β-endosulfan	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		α-BHC	nmol.kg^{-1}	3	5	4	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	0.17-1.38	0.73	0.60	2	DWB
		α-endosulfan	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	acetonitrile extraction/hexane partition; GC/ECD	NS	NS	-	-	-	2	DWB
		2,3,4,5-tetrachlorophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2,3,4,6-tetrachlorophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2,3,5,6-tetrachlorophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2,3,5-trichlorophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		2,4 dichloro-phenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2,4,6-trichloro-phenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2,4,6-trichloro-phenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2,4-dichloro-phenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2,4-dimethyl-phenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2,4-dinitrophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2-chlorophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		2-nitrophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		4,6-dinitro-o-cresol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		4,6-dinitrophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
82-0133 (cont'd)		4-chloro-3-methylphenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		4-nitrophenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		p-chloro-m-cresol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		Pentachloro-phenol	nmol.kg	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		Pentachloro-phenol	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
		Sulphur	nmol.kg^{-1}	3	5	0	Van Veen grab	frozen in Whirlpak bags	extraction (AER in strong base)/derivatisation/ GCMS; GC/FD; GC/ECD	NS	NS	-	-	-	2	DWB
83-0047	SEA WATER	O_2	mol.m^{-3}	7	13	13	NS	in situ	YSI model 57 DO meter	NS	NS	0.30-0.54	0.36	0.34	2	
	SEDIMENTS	Ag	μmol.kg^{-1}	7	21	6	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	GFAAS; Department of Environment (1979), method #330	NS	NS	<0.148-1.30	1.034	<0.148	2	DWB
		Al	mol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.292-0.930	0.481	0.339	2	DWB
		As	μmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	hydride Generation ICAP. Department of Environment (1979), method #350	NS	NS	107-240	145	133	2	DWB
		Ba	mmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.815-3.17	1.48	1.39	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
83-0047 (cont'd)		Be	μmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	22.2-99.9	46.0	33.3	2	DWB
		Ca	mol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.284-1.098	0.815	0.968	2	DWB
		Cd	μmol.kg^{-1}	7	21	3	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	2.67-6.23	4.45	2.67	2	DWB
		Co	μmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	47.5-232	140	122	2	DWB
		Cr	mmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.288-0.792	0.435	0.329	2	DWB
		Cu	μmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.082-0.603	0.241	0.112	2	DWB
		Fe	mol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.299-0.652	0.422	0.374	2	DWB
		Hg	μmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	mercury monitor. Department of Environment (1979), method #370	NS	NS	0.150-0.698	0.313	0.1994	2	DWB
		K	mmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	FAAS. Department of Environment (1979), method #340	NS	NS	46.0-149.6	76.5	59.8	2	DWB
		Mg	mol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.249-0.420	0.320	0.303	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
83-0047 (cont'd)		Mn	$mmol.kg^{-1}$	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	4.68-7.97	5.86	5.46	2	DWB
		Mo	$\mu mol.kg^{-1}$	7	21	6	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	8.34-30.2	25.5	8.34	2	DWB
		Na	$mol.kg^{-1}$	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.021-0.333	0.104	0.041	2	DWB
		NFR	mg/m^3	7	13	13	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	gravimetric. Department of Environment (1979), method #104	NS	NS	1300-20400	8331	6600	2	
		Ni	$\mu mol.kg^{-1}$	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	273-630	394	341	2	DWB
		Oils and Grease	$mg.kg^{-1}$	7	21	12	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	petroleum ether soxhlet extraction. Department of Environment (1979), method #725	NS	NS	<300-5200	1508	<300	2	
		P	$mmol.kg^{-1}$	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	30.3-57.1	37.4	34.9	2	DWB
		Pb	$\mu mol.kg^{-1}$	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	14.5-82.1	38.2	29.0	2	DWB
		Si	$mol.kg^{-1}$	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.134-0.218	0.167	0.161	2	DWB
		Sn	$\mu mol.kg^{-1}$	7	21	1	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	-	16.8	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
83-0047 (cont'd)		Sr	mmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.72-1.36	1.11	1.21	2	DWB
		Ti	mmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	2.63-7.31	3.76	3.59	2	DWB
		V	mmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.491-1.53	0.806	0.648	2	DWB
		Zn	mmol.kg^{-1}	7	21	21	Ekman dredge, Whirlpak bag	immediately frozen on dry ice	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.776-2.16	1.21	0.981	2	DWB
83-0054A	SEDIMENTS	Cd	µmol.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±11.9%-±23.1%	±0%, +4%	1.8-9.0	4.9	3.3	4	DWB
		Cr	mmol.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±9.3%-±12.5%	-21%, -33%	0.71-1.81	1.31	1.06	4	DWB
		Cu	mmol.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±6.8%-±10.0%	+11.6%, +2.7%	0.009-0.787	0.580	0.312	4	DWB
		Fe	mol.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±6.5%-±6.4%	+1.3%, -4.6%	0.333-0.825	0.630	0.703	4	DWB
		Hg	µmol.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	H_2SO_4/HNO_3 digestion; CVAAS	±5.9%-±10.6%	-1.2%, +2.3%	0.090-1.61	0.321	0.214	4	DWB
		Ni	mmol.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±3.0%-±8.0%	+11.9%, +19.3%	0.562-1.64	0.913	0.724	4	DWB
		Pb	µmol.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±3.8%-±10.9%	-51.8%, -51.5%	0.014-0.084	0.050	0.032	4	DWB
		Zn	mmol.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±3.3%-±3.3%	-5.2%, -0.8%	1.12-2.88	2.30	1.80	4	DWB
		TOC	%	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	oxidation (acidic $K_2Cr_2O_7$) titration with Fe ammonium sulphate	±1.3%	±2.9% (2σ)	0.88-4.90	1.73	1.60	4	DWB
		Clay	% finer than	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	dry sieved through nest of 7 sieves (2.0 mm, 850 µm, 425 µm, 250 µm, 150 µm, 75 µm and 38 µm)	NS	NS	15.6-99.3	73.4	89.5	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
83-0054A (cont'd)		HEC	mg.kg^{-1}	6	58	58	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	reflux with n-hexane; gravimetry	±15%	NS	16-2570	233	168	3	DWB
83-0054B	SEDIMENTS	Cd	µmol.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±11.9%- ±23.1%	±0.0%, +4%	-	0.8	-	4	DWB
		Cr	mmol.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±9.3%- ±12.5%	-21%, -33%	-	0.67	-	4	DWB
		Cu	mmol.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±6.8%- ±10.0%	+11.6%, +2.7%	-	0.126	-	4	DWB
		Fe	mol.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±6.5%- ±6.4%	+1.3%, -4.6%	-	0.636	-	4	DWB
		Hg	µmol.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	H_2SO_4/HNO_3 digestion; CVAAS	±5.9%- ±10.6%	-1.2%, +2.3%	-	0.035	-	4	DWB
		Ni	mmol.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±3.0%- ±8.0%	+11.9%, +19.3%	-	0.426	-	4	DWB
		Pb	µmol.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±3.8%- ±10.9%	-51.8%, -51.5%	-	0.023	-	4	DWB
		Zn	mmol.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±3.3%- ±3.3%	-5.2%, -0.8%	-	0.86	-	4	DWB
		TOC	%	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	oxidation (acidic $K_2Cr_2O_7$) titration with Fe ammonium sulphate	±1.3%	±2.9%, (2σ)	-	0.06	-	4	DWB
		Clay	% finer than	2	2	2	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	dry sieved through nest of 7 sieves (2.0 mm, 850 µm, 425 µm, 250 µm, 150 µm, 75 µm and 38 µm)	NS	NS	1.4-93.3	47.4	47.4	2	DWB
		HEC	mg.kg^{-1}	1	1	1	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	reflux with n-hexane; gravimetry	±15%	NS	-	35.0	-	3	DWB
83-0054C	SEDIMENTS	SUM ALK	ng.g^{-1}	1	6	6	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	silica gel elution; GC/FID	NS	NS	5060-17333	8484	5879	2	DWB
		Cd	µmol.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±11.9%- ±23.1%	±0%, +4%	2.3-8.4	4.9	3.0	4	DWB
		Cr	mmol.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±9.3%- ±12.5%	-21%, -33%	0.35-1.10	0.64	0.43	4	DWB
		Cu	mmol.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±6.8%- ±10.0%	+11.6%, +2.7%	0.205-0.771	0.392	0.244	4	DWB
		Fe	mol.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±6.5%- ±6.4%	+1.3%, -4.6%	0.261-0.634	0.387	0.308	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
83-0054C (cont'd)		Hg	µmol.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	H_2SO_4/HNO_3 digestion; CVAAS	±5.9%-±10.6%	-1.2%, +2.3%	0.070-0.160	0.099	0.077	4	DWB
		Ni	mmol.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±3.0%-±8.0%	+11.9%, +19.3%	0.460-0.903	0.666	0.537	4	DWB
		Pb	µmol.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; GFAAS	±3.8%-±10.9%	-51.8%, -51.5%	0.030-0.065	0.046	0.037	3	DWB
		Zn	mmol.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	aqua regia/HF digestion; FAAS	±3.3%-±3.3%	-5.2%, -0.8%	0.87-2.40	1.52	1.00	4	DWB
		TOC	%	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	oxidation (acidic $K_2Cr_2O_7$) titration with Fe ammonium sulphate	±1.3%	±2.9% (2σ)	0.43-2.00	1.02	0.57	4	DWB
		Clay	% finer than	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	dry sieved through nest of 7 sieves (2.0 mm, 850 µm, 425 µm, 250 µm, 150 µm, 75 µm and 38 µm)	NS	NS	9.7-49.3	25.9	18.7	2	DWB
		HEC	mg.kg^{-1}	1	10	10	brass Ekman grab/Ponar grab	frozen in Whirlpak bags	reflux with n-hexane; gravimetry	±15%	NS	38.0-216.0	102.6	59.0	3	DWB
83-0054D	SEDIMENTS	2-Methyl Naphthalene	µmol.kg^{-1}	2	2	2	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	NS	NS	128-1236	682	682	2	DWB
		ANTH	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	21%	NS	<dl-0.07	0.07	-	3	DWB
		B(a)A	nmol.g^{-1}	2	2	2	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	13%	NS	0.02-0.10	0.06	0.06	3	DWB
		B(a)P	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	9%	NS	<dl-0.06	0.06	-	3	DWB
		Benzo(b)-fluoranthene	nmol.g^{-1}	2	2	0	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	NS	NS	-	-	-	2	DWB
		B(e)P	nmol.g^{-1}	2	2	2	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	15%	NS	0.11-0.35	0.23	0.23	3	DWB
		B(g,h,i)-perylene	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	13%	NS	<dl-0.55	0.55	-	3	DWB
		Benzo(k)-fluoranthene	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	17%	NS	<dl-0.02	0.02	-	3	DWB
		CHR	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	14%	NS	<dl-0.13	0.13	-	3	DWB
		Dibenz(a,h)-anthracene	µmol.kg^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	17%	NS	<dl-0.27	0.27	-	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
83-0054D (cont'd)		FLU	nmol/g	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	10%	NS	<dl-0.37	0.37	-	3	DWB
		Fluorene	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	13%	NS	<dl-0.34	0.34	-	3	DWB
		Indeno(1,2, 3-c,d)pyrene	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	14%	NS	<dl-0.32	0.32	-	3	DWB
		NAPH	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	22%	NS	<dl-1.47	1.47	-	3	DWB
		PERY	nmol.g^{-1}	2	2	2	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	14%	NS	0.16-0.26	0.21	0.21	3	DWB
		PHEN	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	4%	NS	<dl-1.63	1.63	-	3	DWB
		PYR	nmol.g^{-1}	2	2	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	11%	NS	<dl-0.65	0.65	-	3	DWB
		SUM ALK	ng.g^{-1}	2	24	24	brass Ekman grab	frozen in Whirlpak bags	silica gel elution; GC/FID	NS	NS	1946-18469	13392	8451	3	DWB
		Ba	mmol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HF/HNO_3/HCl/HClO_4$ digestion; ICP	±2.4%-±2.2%	NS	5.56-7.42	6.49	6.49	3	DWB
		Cd	µmol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HNO_3/HClO_4$ digestion; GFAAS	±15.4%-±6.7%	+4%, +1.7%	2.7-4.2	3.4	3.4	4	DWB
		Clay	%	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	pipette method	NS	NS	19.7-77.4	48.6	48.6	2	DWB
		Cr	mmol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HF/HNO_3/HCl/HClO_4$ digestion; ICP	±3.1%-±7.1%	-21%, -21%	0.75-1.90	1.33	1.33	4	DWB
		Cu	mmol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HF/HNO_3/HCl/HClO_4$ digestion; ICP	±9.4%-±5.4%	-2.7%, +3.6%	0.299-0.504	0.401	0.401	4	DWB
		Fe	mol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HF/HNO_3/HCl/HClO_4$ digestion; ICP	±3.2%-±3.1%	-4.3%, -4.9%	0.331-0.748	0.540	0.540	4	DWB
		Hg	µmol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HNO_3/HClO_4$ digestion; CVAAS	±9.9%-±7.7%	+1.5%, +1.7%	0.110-0.299	0.204	0.204	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
83-0054D (cont'd)		Ni	mmol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HF/HNO$_3$/HCl/HClO$_4$ digestion; ICP	±3.9%-±8.3%	+1.4%, -2.5%	0.477-0.818	0.647	0.647	4	DWB
		Pb	µmol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HNO$_3$/HClO$_4$ digestion; FAAS	±7.8%-±6.3%	-4.5%, -11.8%	0.045-0.100	0.073	0.073	4	DWB
		Zn	mmol.kg^{-1}	2	2	2	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HF/HNO$_3$/HCl/HClO$_4$ digestion; ICP	±3.8%-±1.9%	-12.6%, -7.9%	1.12-2.39	1.75	1.75	4	DWB
83-0058	SEA WATER	chl a + Phaeo	mg.m^{-3}	39	39	39	plastic bottles	filtered through 2.4 cm Whatman GF/C glass fibre filters, MgCO$_3$ suspension added, stored at -10°C, thawed during transport	Turner Designs fluorometer (Strickland and Parsons, 1972)	NS	NS	0.04-1.20	0.42	0.37	2	
		SPM	g.m^{-3}	32	32	29	plastic bottles	filtered 0.4 µm Nuclepore filters, filters were stored in plastic Petri dishes then dried for 24 hours	gravimetry	NS	NS	<0.10-17.90	4.70	2.70	2	The tare weights of the Aug 21 and Aug 23 filters were lost. The SPM weight was determined by weighing the filter after cleaning in a sonic bath.
84-0023	BENTHOS	V	mmol.kg^{-1}	9	9	9	Ponar grab	frozen following 24 hour depuration	NAA	NS	NS	0.069-0.475	0.352	0.359	2	DWB
	SEDIMENTS	V	mmol.kg^{-1}	9	9	9	samples were retrieved by a diver (SCUBA) using an acrylic box core	frozen	1N HCl extract GFAAS	NS	NS	0.0196-0.251	0.193	0.206	2	DWB
		V	mmol.kg^{-1}	16	16	16	samples were retrieved by a diver (SCUBA) using an acrylic box core	frozen	XRF	NS	NS	2.24-3.53	2.97	2.65	2	DWB
84-0033	SEA WATER	Cd	µmol.m^{-3}	1	1	1	NS	max 12 h	GFAAS	NS	NS	<dl-0.222	0.222	-	2	Whole sea water
		Cu	µmol.m^{-3}	1	1	1	NS	max 12 h	GFAAS	NS	NS	<dl-5.12	5.12	-	2	Whole sea water
		Hg	µmol/kg	1	1	0	NS	analysed within 12 hours	GFAAS	NS	NS	-	-	-	2	Filtrate

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0033 (cont'd)		Ni	µmol.m^{-3}	1	1	1	NS	max 12 h	GFAAS	NS	NS	<dl-3.75	3.75	-	2	Whole sea water
		Pb	µmol.m^{-3}	1	1	1	NS	max 12 h	GFAAS	NS	NS	<dl-0.222	0.222	-	2	Whole sea water
		Zn	µmol.m^{-3}	1	1	0	NS	max 12 h	GFAAS	NS	NS	-	-	-	2	Whole sea water
84-0047	SEA WATER	pH	pH units	10	20	20	polybottle (sfc) Niskin (bottom)	NS	NS	NS	NS	7.22-8.21	7.86	7.54	2	
	SEDIMENTS	Ag	µmol.kg^{-1}	16	45	23	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	FAAS. Department of Environment (1979), method #340	NS	NS	0.74-1.85	1.16	0.74	2	DWB; Note 6
		Al	mol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.364-1.22	0.703	0.686	2	DWB; Note 6
		As	mmol.kg^{-1}	16	45	0	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	-	-	-	2	DWB; Note 6
		Ba	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.706-2.483	1.620	1.646	2	DWB; Note 6
		Be	µmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	22.19-99.87	59.92	55.48	2	DWB; Note 6
		Ca	mol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.180-1.16	0.440	0.243	2	DWB; Note 6
		Cd	µmol.kg^{-1}	16	45	0	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	GFAAS. Department of Environment (1979), method #330	NS	NS	-	-	-	2	DWB; Note 6
		Co	µmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	40.72-303.73	176.6	171.4	2	DWB; Note 6

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0047 (cont'd)		Cr	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.327-1.027	0.628	0.631	2	DWB; Note 6
		Cu	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	GFAAS. Department of Environment (1979), method #330	NS	NS	0.087-0.607	0.316	0.332	2	DWB; Note 6
		Fe	mol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.312-0.761	0.534	0.519	2	DWB; Note 6
		Hg	µmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	flameless AA. Department of Environment (1979), method #370	NS	NS	0.185-0.673	0.395	0.400	2	DWB; Note 6
		Mg	mol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.183-0.444	0.291	0.290	2	DWB; Note 6
		Mn	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	5.351-13.67	8.075	8.188	2	DWB; Note 6
		Mo	µmol.kg^{-1}	16	45	0	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	-	-	-	2	DWB; Note 6
		Na	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	30.88-67.42	71.53	67.42	2	DWB; Note 6
		Ni	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.255-0.630	0.434	0.443	2	DWB; Note 6
		Oil and Grease	mg.kg^{-1}	16	45	44	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	petroleum ether soxhlet extraction. Department of Environment (1979), method #725	NS	NS	200-2240	684	395	2	DWB; Note 6

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0047 (cont'd)		P	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	32.93-101.7	45.49	41.65	2	DWB; Note 6
		Pb	µmol.kg^{-1}	16	45	4	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	<14.48-53.09	31.37	<14.48	2	DWB; Note 6
		Si	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	42.01-76.19	56.15	55.54	2	DWB; Note 6
		Sn	µmol.kg^{-1}	16	45	9	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	16.85-42.13	28.08	16.85	2	DWB; Note 6
		Sr	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.523-1.574	0.849	0.718	2	DWB; Note 6
		Ti	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.871-6.117	2.419	2.109	2	DWB; Note 6
		V	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.667-2.199	1.245	1.217	2	DWB; Note 6
		Zn	mmol.kg^{-1}	16	45	45	Ekman dredge (0.023 m^2)	paper geochemical sampling bag, cool or frozen	ICAP combined with OES. Department of Environment (1979), method #320	NS	NS	0.762-2.142	1.385	1.374	2	DWB; Note 6
84-0061	SEDIMENTS	Acenaphthene	µmol.kg^{-1}	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0132-0.211	0.0782	0.0724	3	DWB
		SUM ALK	µg.g^{-1}	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	2.54-187	43.8	35.7	3	DWB
		ANTH	µmol.kg^{-1}	22	83	76	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	<0.0112-0.511	0.108	0.0225	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0061 (cont'd)		B(a)A	$\mu mol.kg^{-1}$	22	83	78	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0175-0.404	0.151	0.0833	3	DWB
		B(a)P	$\mu mol.kg^{-1}$	22	83	66	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0198-0.151	0.0516	0.0297	3	DWB
		Benzo(b)-fluoranthene	$\mu mol.kg^{-1}$	22	83	20	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0198-0.226	0.0911	0.0575	3	DWB
		B(e)P	$\mu mol.kg^{-1}$	22	83	78	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0238-0.329	0.116	0.0675	3	DWB
		Benzo(k)-fluoranthene	$\mu mol.kg^{-1}$	22	83	66	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0119-0.262	0.0656	0.0338	3	DWB
		CHR	$\mu mol.kg^{-1}$	22	83	77	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0088-0.298	0.0584	0.0351	3	DWB
		FLU	$\mu mol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0149-0.866	0.143	0.109	3	DWB
		Fluorene	$\mu mol.kg^{-1}$	22	83	82	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0120-0.434	0.105	0.0572	3	DWB
		NAPH	$\mu mol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.102-2.656	0.660	0.523	3	DWB
		Naphthacene	$\mu mol.kg^{-1}$	22	83	14	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0219-0.399	0.0586	0.0263	3	DWB
		PERY	$\mu mol.kg^{-1}$	22	83	78	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0198-0.619	0.176	0.0655	3	DWB
		PHEN	$\mu mol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.0337-0.938	0.352	0.315	3	DWB
		PHYT	$\mu mol.kg^{-1}$	22	83	70	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	1.06-17.5	4.37	2.09	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0061 (cont'd)		PRIS	$\mu mol.kg^{-1}$	22	83	61	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterated internal standards	NS	0.746-24.5	5.72	4.08	3	DWB
		PYR	$\mu mol.kg^{-1}$	22	83	82	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	acetone/toluene extraction; GCMS	deuterate	NS	0.0198-0.713	0.155	0.0792	3	DWB
		Ba	$mmol.kg^{-1}$	22	83	84	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	NAA	NS	NS	4.10-27.2	7.54	5.4729	2	DWB
		Cd	$\mu mol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HNO_3/HF/HClO_4$ digestion; GFAAS	±17%	+1.6%	1.4-9.3	4.4	4.2	4	DWB
		Cr	$mmol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	NAA	±6.3%	+11.3%	0.731-2.31	1.87	1.92	4	DWB
		Cu	$mmol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HNO_3/HF/HClO_4$ digestion; AAS	±6.9%	-7.1%	0.0913-0.929	0.528	0.551	4	DWB
		Hg	$\mu mol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HNO_3/H_2SO_4 digestion; $K_2Cr_2O_7/K_2S_2O_8$ oxidation; CVAAS	±6.1%	+4.7%	0.0449-2.94	0.388	0.359	4	DWB
		Ni	$mmol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HNO_3/HF/HClO_4$ digestion; DCP	±2.9%	+15.3%	0.302-1.21	1.00	1.06	4	DWB
		Pb	$mmol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HNO_3/HF/HClO_4$ digestion; DCP	±5.4%	+8.8%	0.0386-0.154	0.115	0.121	4	DWB
		Zn	$mmol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HNO_3/HF/HClO_4$ digestion; DCP	±4.8%	-1.8%	0.612-3.21	2.65	2.88	4	DWB
		TOC	$mol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	modified Mebius procedure	±2%	+11.7%	0.117-2.481	1.456	1.482	4	DWB
		Al_2O_3	$mol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	fusion with lithium tetraborate; XRF	±0.3%	±1%	4.58-1.75	1.47	1.59	4	DWB
		CaO	$mol.kg^{-1}$	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	fusion with lithium tetraborate; XRF	±0.4%	±1.0%	0.164-0.856	0.480	0.471	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0061 (cont'd)		Fe_2O_3	mol.kg^{-1}	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	fusion with sodium tetraborate; XRF	±0.5%	-2.2%	0.097-0.450	0.364	0.392	4	DWB
		MgO	mol.kg^{-1}	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	fusion with sodium tetraborate; XRF	±1.3%	+0.7%	0.203-0.682	0.642	0.682	4	DWB
		MnO	mmol.kg^{-1}	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	fusion with sodium tetraborate; XRF	±0%	+6.1%	1.4-15.5	7.8	7.1	4	DWB
		Na_2O	mol.kg^{-1}	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	fusion with sodium tetraborate; XRF	±1.2%	+2.0%	0.11-0.35	0.21	0.20	4	DWB
		P_2O_5	mmol.kg^{-1}	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	fusion with sodium tetraborate; XRF	±0%	+6.7%	10.8-26.1	20.3	20.7	4	DWB
		SiO_2	mol.kg^{-1}	22	83	83	gravity corer/triple benthos corer/Van Veen grab	frozen in Whirlpak bags	fusion with sodium tetraborate, XRF	±0.1%	-0.9%	8.67-14.3	9.55	9.11	4	DWB
	BENTHOS	Ba	mmol.kg^{-1}	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; ICP	NS	NS	0.163-0.299	0.219	0.194	2	WWB
		Cd	µmol.kg^{-1}	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; GFAAS	NS	NS	0.0071-0.0102	0.0082	0.0072	2	WWB
		Cr	mmol.kg^{-1}	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; ICP	NS	NS	0.0319-0.0425	0.0373	0.0375	2	WWB
		Cu	mmol.kg^{-1}	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; ICP	NS	NS	0.0585-0.0724	0.0631	0.0585	2	WWB
		Fe	mmol.kg^{-1}	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; ICP	NS	NS	16.8-25.1	21.1	21.5	2	WWB
		Hg	µmol.kg^{-1}	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; CVAAS	NS	NS	0.0499-0.0748	0.0582	0.0499	2	WWB
		Ni	mmol.kg^{-1}	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; ICP	NS	NS	0.0227-0.0356	0.0310	0.0347	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0061 (cont'd)		Pb	$\mu mol.kg^{-1}$	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; FAAS	NS	NS	5.5-8.6	6.7	6.0	2	WWB
		Zn	$mmol.kg^{-1}$	3	3	3	benthic sled/Van Veen grab	24 hour depuration, Whirlpak bags, frozen	$HNO_3/HClO_4$ digestion; ICP	NS	NS	0.243-0.739	0.411	0.249	2	WWB
	SEDIMENTS	ANTH	$\mu mol.kg^{-1}$	41	56	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	21%	NS	<0.006-0.098	0.019	0.011	3	DWB
		B(a)A	$\mu mol.kg^{-1}$	41	56	50	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	13%	NS	<0.011-0.175	0.046	<0.018	3	DWB
		B(a)P	$\mu mol.kg^{-1}$	41	56	37	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	9%	NS	<0.010-0.064	0.028	0.0000	3	DWB
		Benzo(b)-fluoranthene	$\mu mol.kg^{-1}$	41	56	0	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	NS	NS	-	-	-	2	DWB
		B(e)P	$\mu mol.kg^{-1}$	41	56	53	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	15%	NS	<0.040-0.627	0.274	0.282	3	DWB
		B(g,h,i)-perylene	$\mu mol.kg^{-1}$	41	56	42	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	13%	NS	<0.090-1.42	0.336	<0.098	3	DWB
		Benzo(k)-fluoranthene	$\mu mol.kg^{-1}$	41	56	1	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	17%	NS	<dl-0.036	0.036	-	3	DWB
		CHR	$\mu mol.kg^{-1}$	41	56	43	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	14%	NS	<0.088-0.395	0.181	0.114	3	DWB
		Dibenz(a,h)-anthracene	$\mu mol.kg^{-1}$	41	56	30	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	17%	NS	0.090-0.486	0.122	<0.090	3	DWB
		FLU	$\mu mol.kg^{-1}$	41	56	45	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	10%	NS	<0.099-0.490	0.240	0.163	3	DWB
		Fluorene	$\mu mol.kg^{-1}$	41	56	24	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	13%	NS	<0.024-0.163	0.080	<0.024	3	DWB
		Indeno(1,2,3-c,d)pyrene	$\mu mol.kg^{-1}$	41	56	16	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	14%	NS	<0.80-0.417	0.224	<0.180	3	DWB
		NAPH	$\mu mol.kg^{-1}$	41	56	55	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	22%	NS	<0.195-3.68	0.863	0.672	3	DWB
		PERY	$\mu mol.kg^{-1}$	41	56	52	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	14%	NS	<0.079-0.766	0.367	<0.137	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0061 (cont'd)		PHEN	µmol.kg^{-1}	41	56	56	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	4%	NS	0.045-1.97	0.940	0.517	3	DWB
		PHYT	%	78	99	99	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	dichloromethane extraction; GC/FID	NS	NS	0.007-0.727	0.268	0.255	2	DWB
		PRIS	%	78	98	98	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	dichloromethane extraction; GC/FID	NS	NS	0.015-1.19	0.439	0.226	2	DWB
		PYR	µmol.kg^{-1}	41	56	39	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	11%	NS	<0.099-0.431	0.205	0.069	3	DWB
		SUM ALK	ng.g^{-1}	78	99	99	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	dichloromethane extraction; GC/FID	NS	NS	196-5643	2171	2031	2	DWB
		2-Methyl Naphthalene	nmol/g	41	56	56	brass Ekman grab	frozen in Whirlpak bags	soxhlet extraction (dichloromethane); HPLC	NS	NS	20-1358	652	773	2	DWB
		Ba	mmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HF/HNO$_3$/HCl/HClO$_4$ digestion; ICP	±2.4%-±2.2%	NS	2.09-7.00	5.30	3.77	3	DWB
		Cd	µmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HNO$_3$/HClO$_4$ digestion; GFAAS	±15.4%-±6.7%	+4%, +1.7%	0.0002-0.0067	0.0019	0.0010	4	DWB
		Clay	%	78	97	97	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	pipette method	NS	NS	0.2-72.4	43.1	48.7	2	DWB
		Cr	mmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HF/HNO$_3$/HCl/HClO$_4$ digestion; ICP	±3.1%-±7.1%	-21%, -21%	0.144-2.135	1.371	0.832	4	DWB
		Cu	mmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HF/HNO$_3$/HCl/HClO$_4$ digestion; ICP	±9.4%-±5.4%	-2.7%, +3.6%	0.047-0.598	0.386	0.236	4	DWB
		Fe	mmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HF/HNO$_3$/HCl/HClO$_4$ digestion; ICP	±3.2%-±3.1%	-4.3%, -4.9%	0.118-0.753	0.565	0.618	4	DWB
		Hg	µmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HNO$_3$/HClO$_4$ digestion; CVAAS	±9.9%-±7.7%	+1.5%, +1.7%	0.010-0.548	0.271	0.152	4	DWB
		Ni	mmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HF/HNO$_3$/HCl/HClO$_4$ digestion; ICP	±3.9%-±8.3%	+1.4%, -2.5%	0.119-0.920	0.620	0.3917	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
84-0061 (cont'd)		Pb	µmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HNO_3/HClO_4$ digestion; FAAS	±7.8%-±6.3%	-4.5%, -11.8%	0.0069-0.145	0.069	0.042	4	DWB
		Zn	mmol.kg^{-1}	78	100	100	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	$HF/HNO_3/HCl/HClO_4$ digestion; ICP	±3.9%-±1.9%	-12.6%, -7.9%	0.275-2.55	1.68	1.06	4	DWB
		TOC	%	78	98	98	mini-gravity corer/Triple benthos corer/Van Veen grab	frozen in Whirlpak bags	HCl reflux; Leco induction furnace	NS	NS	0.09-1.83	0.93	0.56	2	DWB
85-0045A	SEDIMENTS	ANTH	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±125%	+24%	0.00-0.028	0.006	0.003	4	Pre-drilling sample collection at Minuk I-53; DWB
		B(a)A	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-8.2%	0.003-0.031	0.016	0.008	4	DWB
		B(a)P	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±74%	-42%	0.007-0.139	0.045	0.019	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		B(e)P	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±37%	NS	0.016-0.413	0.146	0.064	3	DWB
		BF	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-32%	0.016-0.302	0.108	0.051	4	DWB
		Methyldibenzo-thiophenes	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±97%	NS	0.004-0.182	0.057	0.022	3	DWB
		Methyl-naphthalenes	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±13%	NS	0.030-1.500	0.575	0.2370	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		Methyl-(phenanthrene/anthracene)s	μmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kudema-Danish concentrator/GCMS	NS	NS	0.058-1.780	0.678	0.295	2	DWB
		C2-dibenzo-thiophenes	μmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kudema-Danish concentrator/GCMS	±50%	NS	0.002-0.104	0.036	0.015	3	DWB
		C2-naphthalenes	μmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kudema-Danish concentrator/GCMS	±20%	NS	0.055-5.869	1.533	0.195	3	DWB
		C2-(phenanthrene/anthracene)	μmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kudema-Danish concentrator/GCMS	±30%	NS	0.042-1.359	0.535	0.242	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		C3-naphthalenes	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±5%	NS	0.029-6.362	1.276	0.222	3	DWB
		C3-(phenanthrene /anthracene)	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±53%	NS	0.042-0.877	0.310	0.116	3	DWB
		C4-naphthalenes	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±16%	NS	0.024-6.452	0.992	0.180	3	DWB
		C4-(phenanthrene /anthracene)	µmol.kg^{-1}	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±79%	NS	0.003-0.278	0.093	0.031	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		CHR	$\mu mol.kg^{-1}$	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±24%	-8.2%	0.013-0.254	0.096	0.048	4	DWB
		Dibenzo-thiophene	$\mu mol.kg^{-1}$	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±39%	NS	0.002-0.087	0.030	0.0120	3	DWB
		Farnesane	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.005-1.038	0.315	0.264	3	DWB
		FLU	$\mu mol.kg^{-1}$	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	-15%	+24%	0.007-0.124	0.050	0.024	4	DWB
		Fluorene	$\mu mol.kg^{-1}$	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±38%	+6.1%	0.005-0.102	0.035	0.014	4	DWB
		NAPH	$\mu mol.kg^{-1}$	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±15%	-26%	0.014-0.516	0.183	0.074	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		nC10	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.007-0.704	0.178	0.141	3	DWB
		nC11	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±123%	NS	0.006-1.026	0.268	0.224	3	DWB
		nC12	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±60%	NS	0.006-1.177	0.407	0.388	3	DWB
		nC13	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.011-2.174	0.660	0.652	3	DWB
		nC14	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±48%	NS	0.020-2.727	0.953	0.909	3	DWB
		nC15	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±29%	NS	0.038-3.632	1.351	1.274	3	DWB
		nC16	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±21%	NS	0.044-3.540	1.398	1.283	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		nC17	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±33%	NS	0.046-5.000	1.964	2.125	3	DWB
		nC18	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±31%	NS	0.043-3.858	1.606	1.654	3	DWB
		nC19	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±30%	NS	0.030-4.105	1.548	1.194	3	DWB
		nC20	µmol.kg^{-1}	37	37	33	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±51%	NS	0.000-3.227	1.517	1.136	3	DWB
		nC21	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±32%	NS	0.027-3.041	1.260	1.216	3	DWB
		nC22	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.019-2.710	1.092	1.065	3	DWB
		nC23	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.037-2.716	1.142	0.926	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		nC24	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.015-2.012	0.768	0.621	3	DWB
		nC25	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.028-2.841	1.165	0.824	3	DWB
		nC26	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.008-2.159	0.619	0.301	3	DWB
		nC27	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±40%	NS	0.034-3.421	1.082	1.026	3	DWB
		nC28	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±66%	NS	0.005-2.310	0.571	0.406	3	DWB
		nC29	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.025-3.677	0.945	0.931	3	DWB
		nC30	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±73%	NS	0.005-3.081	0.505	0.427	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		nC31	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±75%	NS	0.012-3.440	0.752	0.688	3	DWB
		nC32	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.002-2.178	0.344	0.204	3	DWB
		nC33	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±69%	NS	0.004-1.746	0.311	0.151	3	DWB
		nC34	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.002-1.109	0.183	0.086	3	DWB
		nC35	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±77%	NS	0.002-0.793	0.124	0.053	3	DWB
		nC36	µmol.kg^{-1}	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±61%	NS	0.0020-0.5534	0.0750	0.0395	3	DWB
		Norfarnesane (a)	µmol.kg^{-1}	37	37	0	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	-	-	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		Norfarnesane (b)	$\mu mol.kg^{-1}$	37	37	0	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±104%	NS	-	-	-	2	DWB
		Norfarnesane (c)	$\mu mol.kg^{-1}$	37	37	17	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±101%	NS	0.000-0.305	0.173	-	3	DWB
		Norfarnesane (d)	$\mu mol.kg^{-1}$	37	37	16	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-0.400	0.221	-	3	DWB
		Norfarnesane (e)	$\mu mol.kg^{-1}$	37	37	27	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±105%	NS	0.000-0.684	0.291	0.068	3	DWB
		Norpristane	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.016-2.480	0.887	0.709	3	DWB
		PERY	$\mu mol.kg^{-1}$	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.000-1.008	0.396	0.145	3	DWB
		PHEN	$\mu mol.kg^{-1}$	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.023-0.719	0.275	0.107	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045A (cont'd)		PHYT	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±24%	NS	0.028-2.589	1.066	1.064	3	DWB
		PRIS	$\mu mol.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±17%	NS	0.034-3.731	1.482	1.455	3	DWB
		PYR	$\mu mol.kg^{-1}$	10	10	10	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±14%	NS	0.015-0.203	0.085	0.040	3	DWB
		Total isoprenoids	$\mu g.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±19%	NS	26-3344	1242	1133	3	DWB
		Total n-alkanes	$\mu g.kg^{-1}$	37	37	37	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±22%	NS	168-19874	6724	5602	3	DWB
		Ba	$mmol.kg^{-1}$	37	37	37	modified Ponar grab with a 0.06 m^2 bite, approx 50 g of sediment skimmed from upper few cm	Whirlpak bags stored at room temperature	homogenised, subsampled, dried, ground, sieved, digested by fusion with $Li_2B_4O_7$ in $LiNO_3$; FAAS	±4.1%	±21%, ±16%	2.512-8.956	6.770	7.128	4	DWB
85-0045B	SEDIMENTS	ANTH	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±125%	+24%	0.000-0.084	0.023	0.005	4	Pre-drilling sample collection at Kaubvik I-43 DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		B(a)A	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-8.2%	0.004-0.040	0.020	0.020	4	DWB
		B(a)P	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±74%	-42%	0.015-0.151	0.067	0.060	4	DWB
		B(e)P	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±37%	NS	0.047-0.488	0.225	0.262	3	DWB
		BF	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-32%	0.035-0.357	0.168	0.143	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		Methyldibenzo-thiophenes	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±97%	NS	0.015-0.248	0.106	0.091	3	DWB
		Methyl-naphthalenes	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±13%	NS	0.115-1.648	0.893	0.890	3	DWB
		Methyl (phenanthrene/anthracene)s	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	NS	NS	0.178-2.635	1.181	0.943	2	DWB
		C2-dibenzo-thiophenes	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	NS	0.010-0.146	0.058	0.052	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		C2-naphthalenes	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±20%	NS	0.215-3.313	1.708	1.506	3	DWB
		C2-(phenanthrene /anthracene)	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±30%	NS	0.113-1.418	0.767	0.714	3	DWB
		C3-naphthalenes	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±5%	NS	0.166-3.322	1.252	1.293	3	DWB
		C3-(phenanthrene /anthracene)	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±53%	NS	0.046-0.632	0.241	0.182	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		C4-naphthalenes	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±16%	NS	0.039-2.037	0.579	0.500	3	DWB
		C4-(phenanthrene /anthracene)	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±79%	NS	0.021-0.227	0.081	0.073	3	DWB
		CHR	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±24%	-8.2%	0.025-0.241	0.116	0.101	3	DWB
		Dibenzo-thiophene	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±39%	NS	0.009-0.103	0.051	0.033	3	DWB
		Farnesane	μmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.004-1.179	0.373	0.255	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		FLU	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	-15%	+24%	0.016-0.183	0.087	0.094	4	DWB
		Fluorene	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±38%	+6.1%	0.014-0.193	0.086	0.066	4	DWB
		NAPH	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±15%	-26%	0.056-0.523	0.274	0.211	4	DWB
		nC10	μmol.kg^{-1}	29	29	28	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-0.916	0.219	0.113	3	DWB
		nC11	μmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±123%	NS	0.004-1.263	0.380	0.218	3	DWB
		nC12	μmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±60%	NS	0.004-1.882	0.498	0.335	3	DWB
		nC13	μmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.011-2.663	0.812	0.707	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		nC14	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±48%	NS	0.010-2.929	1.064	1.086	3	DWB
		nC15	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±29%	NS	0.024-3.632	1.506	1.557	3	DWB
		nC16	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±21%	NS	0.031-4.248	1.624	1.637	3	DWB
		nC17	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±33%	NS	0.038-4.583	2.197	2.292	3	DWB
		nC18	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±31%	NS	0.039-3.504	1.728	1.890	3	DWB
		nC19	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±30%	NS	0.045-4.105	1.929	1.828	3	DWB
		nC20	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±51%	NS	0.106-3.192	1.427	1.383	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		nC21	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±32%	NS	0.034-3.277	1.479	1.182	3	DWB
		nC22	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.026-2.645	1.239	1.097	3	DWB
		nC23	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.040-2.624	1.274	1.173	3	DWB
		nC24	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.024-1.982	0.899	0.828	3	DWB
		nC25	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.034-3.125	1.341	1.250	3	DWB
		nC26	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.016-3.006	0.804	0.738	3	DWB
		nC27	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±40%	NS	0.037-2.895	1.263	1.290	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		nC28	$\mu mol.kg^{-1}$	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±66%	NS	0.005-2.462	0.698	0.711	3	DWB
		nC29	$\mu mol.kg^{-1}$	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.034-3.922	1.132	1.029	3	DWB
		nC30	$\mu mol.kg^{-1}$	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±73%	NS	0.005-3.792	0.599	0.474	3	DWB
		nC31	$\mu mol.kg^{-1}$	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±75%	NS	0.014-4.128	0.894	0.757	3	DWB
		nC32	$\mu mol.kg^{-1}$	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.002-4.444	0.510	0.333	3	DWB
		nC33	$\mu mol.kg^{-1}$	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±69%	NS	0.004-3.448	0.453	0.302	3	DWB
		nC34	$\mu mol.kg^{-1}$	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.002-1.904	0.202	0.140	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		nC35	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±77%	NS	0.004-1.992	0.170	0.087	3	DWB
		nC36	µmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±61%	NS	0.004-1.087	0.085	0.049	3	DWB
		Norfarnesane (a)	µmol.kg^{-1}	29	29	2	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-0.000	0.000	0.000	3	DWB
		Norfarnesane (b)	µmol.kg^{-1}	29	29	2	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±104%	NS	0.000-0.000	0.000	0.000	3	DWB
		Norfarnesane (c)	µmol.kg^{-1}	29	29	16	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±101%	NS	0.000-0.511	0.211	-	3	DWB
		Norfarnesane (d)	µmol.kg^{-1}	29	29	17	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-0.632	0.243	-	3	DWB
		Norfarnesane (e)	µmol.kg^{-1}	29	29	21	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±105%	NS	0.000-1.000	0.368	0.011	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		Norpristane	μmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.016-2.402	0.992	0.748	3	DWB
		PERY	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.129-1.167	0.565	0.564	3	DWB
		PHEN	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.083-1.152	0.502	0.461	3	DWB
		PHYT	μmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±24%	NS	0.028-2.447	1.162	1.206	3	DWB
		PRIS	μmol.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±17%	NS	0.030-3.209	1.578	1.679	3	DWB
		PYR	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±14%	NS	0.030-0.282	0.143	0.114	3	DWB
		Total isoprenoids	μg.kg^{-1}	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±19%	NS	23-3097	1381	1254	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045B (cont'd)		Total n-alkanes	$\mu g.kg^{-1}$	29	29	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±22%	NS	217-22670	7901	7002	3	DWB
		Ba	$mmol.kg^{-1}$	29	29	29	modified Ponar grab with a 0.06 m^2 bite, approx 50 g of sediment skimmed from upper few cm	Whirlpak bags stored at room temperature	homogenised, subsampled, dried, ground, sieved, digested by fusion with $Li_2B_4O_7$ in $LiNO_3$; FAAS	±4.1%	±21%, ±16%	5.854-11.941	8.251	8.009	4	DWB
85-0045C	SEDIMENTS	ANTH	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±125%	+24%	0.000-0.197	0.035	0.0003	4	Pre-drilling sample collection at Minuk I-53; DWB
		B(a)A	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-8.2%	0.008-0.105	0.034	0.020	4	DWB
		B(a)P	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±74%	-42%	0.024-0.214	0.097	0.060	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		B(e)P	μmol.kg^{-1}	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±37%	NS	0.091-0.476	0.266	0.193	3	DWB
		BF	μmol.kg^{-1}	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-32%	0.014-0.385	0.175	0.108	4	DWB
		Methyldibenzo-thiophenes	μmol.kg^{-1}	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±97%	NS	0.000-0.843	0.162	0.056	3	DWB
		Methyl-naphthalenes	μmol.kg^{-1}	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±13%	NS	0.061-1.901	1.077	0.524	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		Methyl (phenanthrene/ anthracene)s	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	NS	NS	0.000-7.896	1.739	0.599	2	DWB
		C2-dibenzo-thiophenes	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	NS	0.003-0.142	0.060	0.032	3	DWB
		C2-naphthalenes	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±20%	NS	0.166-3.963	2.044	0.930	3	DWB
		C2-(phenanthrene /anthracene)	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±30%	NS	0.064-1.568	0.873	0.493	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		C3-naphthalenes	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±5%	NS	0.132-2.713	1.333	0.813	3	DWB
		C3-(phenanthrene /anthracene)	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±53%	NS	0.026-0.773	0.434	0.263	3	DWB
		C4-naphthalenes	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±16%	NS	0.025-1.325	0.647	0.347	3	DWB
		C4-(phenanthrene /anthracene)	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±79%	NS	0.005-0.286	0.099	0.041	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		CHR	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±24%	-8.2%	0.016-0.395	0.169	0.087	4	DWB
		Dibenzo-thiophene	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±39%	NS	0.000-0.429	0.094	0.044	3	DWB
		Farnesane	$\mu mol.kg^{-1}$	30	30	24	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.000-2.028	0.384	-	3	DWB
		FLU	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	-15%	±24%	0.005-0.168	0.084	0.047	4	DWB
		Fluorene	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±38%	+6.1%	0.000-0.831	0.166	0.060	4	DWB
		NAPH	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±15%	-26%	0.021-0.609	0.342	0.198	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		nC10	µmol.kg^{-1}	30	30	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-3.944	0.588	-	3	DWB
		nC11	µmol.kg^{-1}	30	30	24	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±123%	NS	0.000-5.385	0.873	<0.170	3	DWB
		nC12	µmol.kg^{-1}	30	30	26	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±60%	NS	0.000-5.882	0.875	<0.127	3	DWB
		nC13	µmol.kg^{-1}	30	30	28	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.000-6.522	1.046	0.326	3	DWB
		nC14	µmol.kg^{-1}	30	30	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±48%	NS	0.000-6.586	1.208	0.808	3	DWB
		nC15	µmol.kg^{-1}	30	30	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±29%	NS	0.000-8.019	1.593	0.991	3	DWB
		nC16	µmol.kg^{-1}	30	30	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±21%	NS	0.000-5.752	1.492	1.108	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
II5-0045C (cont'd)		nC17	μmol.kg^{-1}	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±33%	NS	0.004-5.000	1.934	0.877	3	DWB
		nC18	μmol.kg^{-1}	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±31%	NS	0.003-2.913	1.259	0.572	3	DWB
		nC19	μmol.kg^{-1}	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±30%	NS	0.003-2.612	1.116	0.542	3	DWB
		nC20	μmol.kg^{-1}	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±51%	NS	0.000-1.596	0.663	0.301	3	DWB
		nC21	μmol.kg^{-1}	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±32%	NS	0.002-1.926	0.836	0.508	3	DWB
		nC22	μmol.kg^{-1}	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.001-1.484	0.598	0.307	3	DWB
		nC23	μmol.kg^{-1}	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.002-1.605	0.627	0.325	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		nC24	µmol.kg^{-1}	30	30	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.000-0.947	0.384	0.355	3	DWB
		nC25	µmol.kg^{-1}	30	30	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.000-1.278	0.517	0.426	3	DWB
		nC26	µmol.kg^{-1}	30	30	27	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.000-0.656	0.252	0.148	3	DWB
		nC27	µmol.kg^{-1}	30	30	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±40%	NS	0.000-1.737	0.555	0.474	3	DWB
		nC28	µmol.kg^{-1}	30	30	26	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±66%	NS	0.000-0.546	0.214	<0.067	3	DWB
		nC29	µmol.kg^{-1}	30	30	28	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.000-1.005	0.387	<0.147	3	DWB
		nC30	µmol.kg^{-1}	30	30	20	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±73%	NS	0.000-0.664	0.198	<0.004	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		nC31	μmol.kg^{-1}	30	30	27	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±75%	NS	0.000-0.826	0.235	0.193	3	DWB
		nC32	μmol.kg^{-1}	30	30	16	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-0.578	0.130	-	3	DWB
		nC33	μmol.kg^{-1}	30	30	20	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±69%	NS	0.000-0.647	0.149	<0.007	3	DWB
		nC34	μmol.kg^{-1}	30	30	16	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.000-0.314	0.083	-	3	DWB
		nC35	μmol.kg^{-1}	30	30	8	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±77%	NS	0.000-0.244	0.080	-	3	DWB
		nC36	μmol.kg^{-1}	30	30	5	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±61%	NS	0.000-0.164	0.065	-	3	DWB
		Norfarnesane (a)	μmol.kg^{-1}	30	30	7	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-0.321	0.167	-	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		Norfarnesane (b)	$\mu mol.kg^{-1}$	30	30	7	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±104%	NS	0.000-0.211	0.080	-	3	DWB
		Norfarnesane (c)	$\mu mol.kg^{-1}$	30	30	13	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±101%	NS	0.000-0.896	0.193	-	3	DWB
		Norfarnesane (d)	$\mu mol.kg^{-1}$	30	30	6	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-0.790	0.210	-	3	DWB
		Norfarnesane (e)	$\mu mol.kg^{-1}$	30	30	18	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±105%	NS	0.000-1.368	0.329	-	3	DWB
		Norpristane	$\mu mol.kg^{-1}$	30	30	26	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.000-13.780	1.254	<0.217	3	DWB
		PERY	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.171-1.183	0.618	0.415	3	DWB
		PHEN	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.000-3.112	0.694	0.253	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
85-0045C (cont'd)		PHYT	$\mu mol.kg^{-1}$	30	30	28	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±24%	NS	0.000-1.773	0.686	<0.266	3	DWB
		PRIS	$\mu mol.kg^{-1}$	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±17%	NS	0.003-3.508	1.013	0.430	3	DWB
		PYR	$\mu mol.kg^{-1}$	12	12	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±14%	NS	0.011-0.307	0.159	0.082	3	DWB
		Total isoprenoids	$\mu g.kg^{-1}$	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±19%	NS	3-5030	1025	362	3	DWB
		Total n-alkanes	$\mu g.kg^{-1}$	30	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±22%	NS	14-12031	4269	2368	3	WB
		Ba	$mmol.kg^{-1}$	30	30	30	modified Ponar grab with a 0.06 m^2 bite, approx 50 g of sediment skimmed from upper few cm	Whirlpak bags stored at room temperature	homogenised, subsampled, dried, ground, sieved, digested by fusion with $Li_2B_4O_7$ in $LiNO_3$; FAAS	±4.1%	±21%, ±16%	4.184-12.669	6.714	5.035	4	DWB
86-0001	SEDIMENTS	SUM ALK	$\mu g.g^{-1}$	39	39	39	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GC/FID	±20%	NS	2.70-9.20	5.68	5.60	3	DWB
		ANTH	$\mu mol.kg^{-1}$	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±40%	NS	0.0073-0.0899	0.0248	0.0121	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0001 (cont'd)		B(a)A	µmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±10%	NS	0.0228-0.0702	0.0391	0.0301	3	DWB
		B(a)P	µmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±10%	NS	0.0226-0.0754	0.0445	0.0311	3	DWB
		B(e)P	µmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±15%	NS	0.1429-0.3095	0.2405	0.1945	3	DWB
		B(g,h,i)-perylene	µmol.kg^{-1}	32	32	31	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±15%	NS	0.0652-0.3188	0.2206	0.2101	3	DWB
		BF	µmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±15%	NS	0.1190-0.2302	0.1866	0.1567	3	DWB
		CHR	µmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±20%	NS	0.1579-0.3991	0.2436	0.1930	3	DWB
		Dibenz(a,h)-anthracene	µmol.kg^{-1}	32	32	22	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±20%	NS	0.0032-0.0791	0.0512	<0.014	3	DWB
		Farnesane	µmol.kg^{-1}	39	39	39	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GC/FID	±50%	NS	0.2075-1.5094	0.6710	0.5660	2	DWB
		FLU	µmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±10%	NS	0.0149-0.1188	0.0718	0.0446	3	DWB
		Fluorene	µmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±10%	NS	0.0060-0.1386	0.0930	0.0482	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0001 (cont'd)		Indeno(1,2,3-c,d)pyrene	μmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±20%	NS	0.0062-0.1558	0.0275	0.0125	3	DWB
		NAPH	μmol.kg^{-1}	31	31	31	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±10%	NS	0.1797-0.4531	0.2621	0.2578	3	DWB
		Norpristane	μmol.kg^{-1}	39	39	39	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GC/FID	±20%	NS	0.2047-1.9291	0.6468	0.5512	3	WB
		PERY	μmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±20%	NS	0.4365-0.7937	0.6610	0.5555	3	DWB
		PHEN	μmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±15%	NS	0.3371-0.6180	0.4810	0.4158	3	DWB
		PHYT	μmol.kg^{-1}	39	39	39	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GC/FID	±30%	NS	0.2163-2.1986	0.6811	0.5674	3	DWB
		PRIS	μmol.kg^{-1}	39	39	39	Smith McIntyre grab	glass jars, frozen	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GC/FID	±20%	NS	0.3545-2.9478	1.3026	1.1194	3	DWB
		PYR	μmol.kg^{-1}	32	32	32	Smith McIntyre grab	glass ja	soxhlet extraction with methylene chloride; GPAC (Sephadex LH20); GCMS	±20%	NS	0.0267-0.1832	0.1226	0.0777	3	DWB
		Ba	mmol.kg^{-1}	40	40	40	Smith McIntyre grab	frozen in Whirlpak bags	fusion with lithium metaborate; ICAP	9.2%	NS	5.83-6.84	6.26	6.04	3	DWB
		Cd	μmol.kg^{-1}	40	40	40	Smith McIntyre grab	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion; GFAAS	±8.5%	±0%	0.6-1.2	1.0	0.0008	4	DWB
		Cr	mmol.kg^{-1}	40	40	40	Smith McIntyre grab	frozen in Whirlpak bags	fusion with lithium metaborate; ICAP	±7.5%	-5.6%	2.019-2.866	2.422	2.221	4	DWB
		Cu	mmol.kg^{-1}	40	40	40	Smith McIntyre grab	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion; GFAAS	±15%	-3.6%	0.436-0.636	0.511	0.473	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0001 (cont'd)		Hg	$\mu mol.kg^{-1}$	40	40	40	Smith McIntyre grab	frozen in Whirlpak bags	H_2SO_4/HNO_3 digestion; CVAAS	±7.6%	+8.2%	0.254-0.533	0.344	0.294	4	DWB
		Ni	$mmol.kg^{-1}$	40	40	40	Smith McIntyre grab	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion; GFAAS	±5.4%	-5.1%	0.463-0.778	0.599	0.535	4	DWB
		Pb	$mmol.kg^{-1}$	40	40	40	Smith McIntyre grab	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion; GFAAS	±16.5%	-3.8%	0.0806-0.143	0.108	0.0939	4	DWB
		Zn	$mmol.kg^{-1}$	40	40	40	Smith McIntyre grab	frozen in Whirlpak bags	aqua regia/HF/Teflon bomb digestion; FAAS	±6.3%	-7.9%	0.490-2.37	1.92	1.23	4	DWB
		Clay	%	60	60	60	Smith McIntyre grab	frozen in Whirlpak bags	wet sieve/hydrometer tests/sedigraph analysis	NS	NS	44.5-66.5	56.3	52.2	2	DWB
86-0003	SEA WATER	chl *a*	$mg.m^{-3}$	42	154	154	Niskin and Go-Flo bottles	filtered through Whatman GF/C glass fibre filters; frozen	Turner Designs fluorometer (Strickland and Parsons, 1972)	±0.04%	NS	0.008-2.266	0.347	0.173	3	
		Phaeo	$mg.m^{-3}$	42	146	146	Niskin and Go-Flo bottles	filtered through Whatman GF/C glass fibre filters; frozen	fluorometry (Strickland and Parsons, 1972)	NS	NS	0.0190-3.3590	0.2402	0.1045	2	
		NO_3	$mmol.m^{-3}$	31	121	121	Niskin and Go-Flo bottles	frozen in polystyrene or glass test tubes	colorimetry AuA Technicon Method 158-71W	±8.6%	±3%	0.1000-15.6000	3.4826	0.4000	4	Blind replicates and reference samples used.
		PO_4	$mmol.m^{-3}$	42	155	155	Niskin and Go-Flo bottles	frozen in polystyrene or glass test tubes	colorimetry AuA Modified Technicon Method - Brynjolfson 1973	±7.8%	±3%	0.1400-1.8800	0.6413	0.4200	4	Blind replicates and reference samples used.
		SiO_3	$mmol.m^{-3}$	42	155	155	Niskin and Go-Flo bottles	frozen in polystyrene or glass test tubes	colorimetry AuA Technicon Method 186-72W	±4.2%	±3%	3.6000-34.1000	14.3832	13.8000	4	Blind replicates and reference samples used.
		$\delta^{18}O$		42	153	153	Niskin and Go-Flo bottles	salinity bottles	MS analysis of CO_2 (Epstein and Mayeda, 1953)	±2% (approx.)	NS	-0.1000--11.4000	-5.6484	-6.3000	4	
		POC	$mmol.m^{-3}$	42	165	165	Niskin and Go-Flo bottles	filtered through Whatman GF/C glass fibre filters; frozen	elemental analyser	NS	NS	1.1989-304.5004	10.5395	7.9509	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0003 (cont'd)		PON	mmol.m^{-3}	42	165	165	Niskin and Go-Flo bottles	filtered through Whatman GF/C glass fibre filters; frozen	elemental analyser	NS	NS	0.1785-27.6939	1.3192	1.1423	2	
		SPM	g.m^{-3}	40	148	148	Niskin and Go-Flo bottles	frozen following filtration through a 0.45 µm Nuclepore filter	gravimetry	±1.2%	NS	0.0600-224.8200	3.4591	0.2400	3	
86-0007	FISH - BILE	ANTH	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(a)A	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(a)P	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(e)P	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(g,h,i)-perylene	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		BF	µmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.005-0.040	0.023	0.023	2	
		nC12	µmol.kg^{-1}	3	8	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	2.765-10.529	5.412	2.941	2	
		nC13 - nC23	µmol.kg^{-1}	3	8	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC24	µmol.kg^{-1}	3	8	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-6.627	6.627	-	2	
		nC25	µmol.kg^{-1}	3	8	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.219-52.5	17.668	0.284	2	
		nC26, nC28 - nC29	nmol/g	3	8	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC27	µmol.kg^{-1}	3	8	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-42.684	42.684	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC30	$\mu mol.kg^{-1}$	3	8	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	6.636-7.512	7.074	7.074	2	
		nC31	$\mu mol.kg^{-1}$	3	8	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC32	$\mu mol.kg^{-1}$	3	8	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-1.0067	1.0067	-	2	
		nC33 - nC36	$\mu mol.kg^{-1}$	3	8	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		CHR	$\mu mol.kg^{-1}$	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		Dibenz(a,h)-anthracene	$\mu mol.kg^{-1}$	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		Farnesane	$\mu mol.kg^{-1}$	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		FLU	μmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.003-0.010	0.007	0.007	2	
		Fluorene	μmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.027-0.034	0.031	0.031	2	
		Indeno(1,2,3-c,d)pyrene	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		NAPH	μmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.054-0.297	0.169	0.156	2	
		Norpristane	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		PAH Metabolites	ng.mL^{-1} B(a)P equiv.	3	34	34	trawl and gillnet	frozen immediately over dry ice in hydrocarbon clean glass vials	Varian 5000 Series HPLC equipped with a Varichrom UV/Fluorescence detector, Krahn et al. (1986)	NS	NS	20-1670	297	135	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		PERY	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		PHEN	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.011	0.011	-	2	
		PHYT	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		PRIS	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.299	0.299	-	2	
		PYR	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		SUM ALK	mg.kg^{-1}	3	8	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	2575-54560	9756	500	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		Total PAH	μg.kg^{-1}	3	10	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	1.9-43.7	15.2	6.45	2	WWB
	FISH - DORSAL MUSCLE	ANTH	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(a)A	μmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.009	0.009	-	2	
		B(a)P	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(e)P	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(g,h,i)-perylene	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		BF	μmol.kg^{-1}	3	10	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.002-0.008	0.006	0.005	2	
		nC12	μmol.kg^{-1}	3	10	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.259-1.72	0.994	1.471	2	
		nC13	μmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.016-0.234	0.092	0.027	2	
		nC14	μmol.kg^{-1}	3	10	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.025-0.566	0.162	0.040	2	
		nC15	μmol.kg^{-1}	3	10	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.052-0.175	0.101	0.071	2	
		nC16	μmol.kg^{-1}	3	10	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.022-1.779	0.389	0.058	2	
		nC17	μmol.kg^{-1}	3	10	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.029-2.138	0.486	0.085	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC18	$\mu mol.kg^{-1}$	3	10	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.024-1.56	0.293	0.0354	2	
		nC19	$\mu mol.kg^{-1}$	3	10	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.004-0.500	0.148	0.028	2	
		nC20	$\mu mol.kg^{-1}$	3	10	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.032-0.294	0.120	0.069	2	
		nC21	$\mu mol.kg^{-1}$	3	10	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.024-0.128	0.064	0.044	2	
		nC22	$\mu mol.kg^{-1}$	3	10	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.016-0.094	0.052	0.042	2	
		nC23	$\mu mol.kg^{-1}$	3	10	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.012-0.068	0.031	0.0169	2	
		nC24	$\mu mol.kg^{-1}$	3	10	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.018-0.157	0.078	0.067	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC25	µmol.kg^{-1}	3	10	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.057-0.244	0.143	0.142	2	
		nC26	µmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.115-0.374	0.245	0.245	2	
		nC27	µmol.kg^{-1}	3	10	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.018-0.418	0.134	0.038	2	
		nC28	µmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.094-0.137	0.116	0.116	2	
		nC29	µmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.049-0.240	0.119	0.069	2	
		nC30	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC31	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC32	μmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.002	0.002	-	2	
		nC33	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC34	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC35	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC36	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		CHR	μmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.004	0.004	-	2	
		Dibenz(a,h)-anthracene	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		Farnesane	$\mu mol.kg^{-1}$	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.014-0.420	0.160	0.047	2	
		FLU	$\mu mol.kg^{-1}$	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.015	0.015	-	2	
		Fluorene	$\mu mol.kg^{-1}$	3	10	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.006-0.139	0.034	0.009	2	
		Indeno(1,2,3-c,d)pyrene	$\mu mol.kg^{-1}$	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		NAPH	$\mu mol.kg^{-1}$	3	10	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.011-0.180	0.087	0.086	2	
		Norpristane	$\mu mol.kg^{-1}$	3	10	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.032-0.075	0.050	0.045	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		PERY	μmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		PHEN	μmol.kg^{-1}	3	10	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.011-0.035	0.024	0.024	2	
		PHYT	μmol.kg^{-1}	3	10	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.167-6.489	1.479	0.876	2	
		PRIS	μmol.kg^{-1}	3	10	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.112-8.097	2.999	1.567	2	
		PYR	μmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.003-0.030	0.017	0.017	2	
		SUM ALK	mg.kg^{-1}	3	10	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	2150-4370	1723	1084	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		Total PAH	$\mu g.kg^{-1}$	3	10	10	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	1.4-43.0	15.0	7.7	2	WWB
		Lipids	%	3	8	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	Bligh and Dyer (1959)	NS	NS	1.0-8.0	5.1	4.0	2	WWB
	FISH - GILL	MFO	pmol.mg^{-1} min-1	3	28	28	trawl and gillnet	immediately frozen on dry ice	7-ethoxyresorufin O-deethylase method	NS	NS	0.8-5.7	2.7	1.7	2	WWB
	FISH - LIVER	ANTH	$\mu mol.kg^{-1}$	3	10	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.003-0.010	0.007	0.006	2	WWB
		B(a)A	$\mu mol.kg^{-1}$	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.004-0.006	0.005	0.005	2	WWB
		B(a)P	$\mu mol.kg^{-1}$	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	WWB
		B(b)FL	$\mu mol.kg^{-1}$	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		B(e)P	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney _et al._, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.002	0.002	-	2	WWB
		B(g,h,i)-perylene	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney _et al._, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	WWB
		BF	µmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney _et al._, 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.007-0.023	0.013	0.008	2	WWB
		nC12	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney _et al._, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.882	0.882	-	2	WWB
		nC13	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney _et al._, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.212	0.212	-	2	WWB
		nC14	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney _et al._, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-2.071	2.071	-	2	WWB
		nC15	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney _et al._, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-1.745	1.745	-	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC16	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	WWB
		nC17	µmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.563-1.958	1.326	1.458	2	WWB
		nC18	µmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.075-10.0	3.70	1.024	2	WWB
		nC19	µmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.198-1.082	0.763	1.008	2	WWB
		nC20	µmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.356-6.418	2.640	1.145	2	WWB
		nC21	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.294	0.294	-	2	WWB
		nC22	µmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.181-0.229	0.205	0.205	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC23	$\mu mol.kg^{-1}$	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.617	0.617	-	2	WWB
		nC24	$\mu mol.kg^{-1}$	3	10	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	1.746-58.970	24.993	12.544	2	WWB
		nC25	$\mu mol.kg^{-1}$	3	10	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	9.0-994	258	138	2	WWB
		nC26	$\mu mol.kg^{-1}$	3	10	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	15.027-491.803	117.281	39.126	2	WWB
		nC27	$\mu mol.kg^{-1}$	3	10	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	1.81-146	57.9	32.36	2	WWB
		nC28	$\mu mol.kg^{-1}$	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	2.39-96.4	40.1	21.6	2	WWB
		nC29	$\mu mol.kg^{-1}$	3	10	10	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	2.13-169	69.0	25.43	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC30	µmol.kg^{-1}	3	10	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.893-118	42.9	32.5	2	WWB
		nC31	µmol.kg^{-1}	3	10	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.697-75.7	25.7	17.4	2	WWB
		nC32	µmol.kg^{-1}	3	10	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.022-43.3	12.2	5.80	2	WWB
		nC33	µmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	1.51-29.7	15.63	15.63	2	WWB
		nC34	µmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.393-12.6	6.76	7.32	2	WWB
		nC35	µmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-1.24	1.24	-	2	WWB
		nC36	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		CHR	µmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.014-0.023	0.018	0.023	2	WWB
		Dibenz(a,h)-anthracene	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	WWB
		Farnesane	µmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.118-1.08	0.601	0.601	2	WWB
		FLU	µmol.kg^{-1}	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.009-0.020	0.015	0.015	2	WWB
		Fluorene	µmol.kg^{-1}	3	10	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.008-0.181	0.066	0.031	2	WWB
		Indeno(1,2,3-c,d)pyrene	µmol.kg^{-1}	3	10	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		NAPH	μmol.kg^{-1}	3	10	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.094-0.688	0.255	0.156	2	WWB
		Norpristane	μmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.020-0.354	0.215	0.272	2	WWB
		PERY	μmol.kg^{-1}	3	10	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.002	0.002	-	2	WWB
		PHEN	μmol.kg^{-1}	3	10	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0001-0.062	0.029	0.025	2	WWB
		PHYT	μmol.kg^{-1}	3	10	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.220-16.3	5.98	1.38	2	WWB
		PRIS	μmol.kg^{-1}	3	10	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	1.64-6.87	3.74	2.72	2	WWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		PYR	nmol/g	3	10	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.025-0.029	0.027	0.027	2	WWB
		SUM ALK	$mg.kg^{-1}$	3	10	10	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	7554-714000	184121.0	73777	2	WWB
		Total PAH	$\mu mol.kg^{-1}$	3	10	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	10-132	51.9	29	2	WWB
		Lipids	%	3	8	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	extracted by homogenising 500 mg with 80 mL of 2:1 chloroform/methanol, filtered, extracted with NaCl, concentration measured colorimetrically	NS	NS	11-64	33	21	2	
		MFO	$pmol.mg^{-1}$ min-1	3	29	29	trawl and gillnet	immediately frozen on dry ice	7-ethoxyresorufin O-deethylase method	NS	NS	1.0-7.1	2.5	2.0	2	
	FISH - TISSUE	Hg	$\mu mol.kg^{-1}$	3	33	33	trawl and gillnet	frozen in Whirlpak bags	CVAAS, Bothner (1974)	±(5-10)%	NS	0.449-8.43	1.58	0.748	2	
	SUSPENDED PARTICULATES	ANTH	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.003-1.011	0.111	0.037	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		B(a)A	µmol.kg^{-1}	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.017-0.140	0.067	0.041	2	DWB
		B(a)P	µmol.kg^{-1}	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.018-0.476	0.096	0.051	2	DWB
		B(b)FL	µmol.kg^{-1}	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.052-0.397	0.218	0.141	2	DWB
		B(e)P	µmol.kg^{-1}	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.052-1.55	0.30	0.17	2	DWB
		B(g,h,i)-perylene	µmol.kg^{-1}	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.054-0.725	0.304	0.185	2	DWB
		BF	µmol.kg^{-1}	8	22	0	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC12	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.300-7.059	2.548	1.268	2	DWB
		nC13	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.761-9.24	3.402	1.685	2	DWB
		nC14	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.859-7.58	3.50	1.92	2	DWB
		nC15	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.94-6.60	3.39	2.24	2	DWB
		nC16	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.575-6.19	3.040	1.91	2	DWB
		nC17	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.54-6.25	2.27	1.52	2	DWB
		nC18	$\mu mol.kg^{-1}$	8	22	21	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.26-4.72	1.70	1.69	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC19	µmol.kg^{-1}	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.29-5.22	1.87	1.06	2	DWB
		nC20	µmol.kg^{-1}	8	22	19	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.248-3.51	1.38	1.38	2	DWB
		nC21	µmol.kg^{-1}	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.37-3.72	1.32	0.78	2	DWB
		nC22	µmol.kg^{-1}	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.20-2.55	0.89	0.46	2	DWB
		nC23	µmol.kg^{-1}	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.06-2.75	1.13	0.56	2	DWB
		nC24	µmol.kg^{-1}	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.30-5.03	1.05	0.53	2	DWB
		nC25	µmol.kg^{-1}	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.45-7.1	1.61	0.72	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC26	$\mu mol.kg^{-1}$	8	22	21	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.15-4.37	0.93	0.52	2	DWB
		nC27	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.68-8.16	2.12	1.01	2	DWB
		nC28	$\mu mol.kg^{-1}$	8	22	21	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.19-2.49	0.64	0.48	2	DWB
		nC29	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.81-9.07	2.76	1.37	2	DWB
		nC30	$\mu mol.kg^{-1}$	8	22	21	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.14-3.79	0.65	0.38	2	DWB
		nC31	$\mu mol.kg^{-1}$	8	22	22	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.69-11.47	3.28	1.45	2	DWB
		nC32	$\mu mol.kg^{-1}$	8	22	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.070-3.3	0.59	0.22	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		nC33	μmol.kg^{-1}	8	22	14	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.56-4.53	1.71	0.87	2	DWB
		nC34	μmol.kg^{-1}	8	21	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.30-0.42	0.34	0.31	2	DWB
		nC35	μmol.kg^{-1}	8	22	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	DWB
		nC36	μmol.kg^{-1}	8	21	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	DWB
		CHR	μmol.kg^{-1}	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.006-0.40	0.24	0.15	2	DWB
		Dibenz(a,h)-anthracene	μmol.kg^{-1}	8	22	18	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.007-0.219	0.057	0.0232	2	DWB
		Farnesane	μmol.kg^{-1}	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.22-3.44	1.35	0.77	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		FLU	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.03-0.47	0.17	0.088	2	DWB
		Fluorene	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.03-1.99	0.28	0.10	2	DWB
		Indeno(1,2,3-c,d)pyrene	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.01-0.51	0.09	0.046	2	DWB
		NAPH	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.063-0.56	0.33	0.207	2	DWB
		Norpristane	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.17-5.51	1.81	0.87	2	DWB
		PERY	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.15-3.13	0.69	0.41	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0007 (cont'd)		PHEN	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.118-7.87	1.37	0.40	2	DWB
		PHYT	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.17-6.74	1.79	0.92	2	DWB
		PRIS	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.36-8.21	2.19	1.13	2	DWB
		PYR	$\mu mol.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.05-0.79	0.26	0.1535	2	DWB
		SUM ALK	$mg.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	4400-31000	11941	7700	2	DWB
		Total PAH	$\mu g.kg^{-1}$	8	22	22	Ponar grab	frozen in Whirlpak bags	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	160-2600	960	515	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019A	SEDIMENTS	ANTH	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±125%	+24%	0.000-0.051	0.017	0.011	4	Post-drilling sampling at Minuk I-53; DWB
		B(a)A	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-8.2%	0.004-0.031	0.015	0.009	4	DWB
		B(a)P	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±74%	-42%	0.004-0.064	0.031	0.020	4	DWB
		B(e)P	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±37%	NS	0.016-0.337	0.152	0.091	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019A (cont'd)		BF	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-32%	0.012-0.222	0.108	0.068	4	DWB
		Methyldibenzo-thiophenes	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±97%	NS	0.005-0.268	0.105	0.071	3	DWB
		Methylnaph-thalenes	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±13%	NS	0.066-1.690	0.741	0.380	3	DWB
		Methyl (phenanthrene/ anthracene)s	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	NS	NS	0.063-2.052	0.964	0.510	2	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019A (cont'd)		C2-dibenzothiophenes	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	NS	0.006-0.189	0.075	0.036	3	DWB
		C2-naphthalenes	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±20%	NS	0.108-3.131	1.437	0.731	3	DWB
		C2-(phenanthrene/anthracene)	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±30%	NS	0.049-1.554	0.688	0.388	3	DWB
		C3-naphthalenes	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±5%	NS	0.083-3.089	1.260	0.805	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019A (cont'd)		C3-(phenanthrene /anthracene)	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±53%	NS	0.018-0.659	0.291	0.191	3	DWB
		C4-naphthalenes	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±16%	NS	0.032-1.527	0.656	0.367	3	DWB
		C4-(phenanthrene /anthracene)	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±79%	NS	0.013-0.201	0.081	0.039	3	DWB
		CHR	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±24%	-8.2%	0.009-0.193	0.089	0.053	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019A (cont'd)		Dibenzothiophene	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±39%	NS	0.000-0.092	0.042	0.022	3	DWB
		Farnesane	μmol.kg^{-1}	31	31	30	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.000-0.613	0.153	<0.050	3	DWB
		FLU	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	-15%	±24%	0.010-0.158	0.077	0.050	4	DWB
		Fluorene	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±38%	+6.1%	0.006-0.133	0.059	0.036	4	DWB
		NAPH	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±15%	-26%	0.016-0.594	0.267	0.195	4	DWB
		nC10	μmol.kg^{-1}	31	31	30	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-1.409	0.215	<0.056	3	DWB
		nC11	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±123%	NS	0.019-5.000	1.063	0.833	3	DWB
		nC12	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±60%	NS	0.008-1.765	0.267	0.153	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT Qty	MEASUREMENT Units	NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION Collection	METHODOLOGY INFORMATION Storage	METHODOLOGY INFORMATION Analysis	METHODOLOGY INFORMATION Precision	METHODOLOGY INFORMATION Accuracy	MEASURED VALUES Range	MEASURED VALUES Mean	MEASURED VALUES Median	DATA RATING	REMARKS
86-0019A (cont'd)		nC13	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.005-2.174	0.405	0.299	3	DWB
		nC14	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±48%	NS	0.010-2.222	0.582	0.455	3	DWB
		nC15	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±29%	NS	0.024-1.981	0.828	0.708	3	DWB
		nC16	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±21%	NS	0.031-1.991	0.896	0.708	3	DWB
		nC17	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±33%	NS	0.050-3.333	1.1830	0.750	3	DWB
		nC18	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±31%	NS	0.047-3.189	1.049	0.669	3	DWB
		nC19	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±30%	NS	0.052-2.239	1.002	0.634	3	DWB
		nC20	μmol.kg^{-1}	31	31	25	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±51%	NS	0.000 2.786	1.420	0.940	3	DWB
		nC21	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±32%	NS	0.054-2.399	0.907	0.676	3	DWB
		nC22	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.045-1.871	0.695	0.484	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019A (cont'd)		nC23	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.062-2.006	0.789	0.617	3	DWB
		nC24	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.032-1.302	0.501	0.325	3	DWB
		nC25	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.040-2.131	0.772	0.426	3	DWB
		nC26	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.016-1.448	0.415	0.249	3	DWB
		nC27	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±40%	NS	0.040-1.894	0.717	0.500	3	DWB
		nC28	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±66%	NS	0.010-1.117	0.298	0.157	3	DWB
		nC29	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.022-2.034	0.628	0.392	3	DWB
		nC30	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±73%	NS	0.007-1.351	0.316	0.123	3	DWB
		nC31	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±75%	NS	0.012-1.284	0.357	0.229	3	DWB
		nC32	μmol.kg^{-1}	31	31	30	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-0.933	0.181	<0.049	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019A (cont'd)		nC33	µmol.kg^{-1}	31	31	30	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±69%	NS	0.000-0.683	0.138	<0.035	3	DWB
		nC34	µmol.kg^{-1}	31	31	28	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.000-0.377	0.083	<0.017	3	DWB
		nC35	µmol.kg^{-1}	31	31	27	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±77%	NS	0.000 0.305	0.050	0.014	3	DWB
		nC36	µmol.kg^{-1}	31	31	19	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±61%	NS	0.000-0.198	0.035	0.000	3	DWB
		Norfarnesane (a)	µmol.kg^{-1}	31	31	0	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	-	-	-	2	DWB
		Norfarnesane (b)	µmol.kg^{-1}	31	31	2	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±104%	NS	0.000-0.000	0.000	0.000	3	DWB
		Norfarnesane (c)	µmol.kg^{-1}	31	31	9	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±101%	NS	0.000-0.205	0.075	-	3	DWB
		Norfarnesane (d)	µmol.kg^{-1}	31	31	11	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-0.421	0.130	-	3	DWB
		Norfarnesane (e)	µmol.kg^{-1}	31	31	14	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±105%	NS	0.000-0.737	0.198	-	3	DWB
		Norpristane	nmol/g	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.020-1.536	0.482	0.315	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019A (cont'd)		PERY	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.064-1.004	0.490	0.318	3	DWB
		PHEN	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.017-0.725	0.305	0.163	3	DWB
		PHYT	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±24%	NS	0.046-1.773	0.719	0.426	3	DWB
		PRIS	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±17%	NS	0.056-2.575	0.944	0.597	3	DWB
		PYR	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±14%	NS	0.025-0.317	0.144	0.109	3	DWB
		Total isoprenoids	µg.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±19%	NS	35-1903	738	570	3	DWB
		Total n-alkanes	µg.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), sampler deployed through ice	frozen immediately	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±22%	NS	381-10924	4387	3895	3	DWB
		Ba	mmol.kg^{-1}	31	31	30	Ponar grab (0.06 m^2), approx 50 g of wet sediment skimmed from upper few cm of each grab, sampler deployed through ice	Whirlpak bags stored at room temperature	homogenised, subsampled, dried, ground, sieved, digested by fusion with $Li_2B_4O_7$ in $LiNO_3$; FAAS	±4.1%	±21%, ±16%	6.94-86.6	23.5	11.4	4	DWB
86-0019B	SEDIMENTS	ANTH	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±125%	+24%	0.000-0.006	0.002	0.0006	4	Additional sampling at Kaubvik I-43 and Minuk I-53

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		B(a)A	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-8.2%	0.001-0.031	0.016	0.013	4	DWB
		B(a)P	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±74%	-42%	0.001-0.064	0.031	0.028	4	DWB
		B(e)P	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±37%	NS	0.003-0.353	0.159	0.131	3	DWB
		BF	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-32%	0.002-0.226	0.109	0.095	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		Methyldibenzo-thiophenes	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±97%	NS	0.036-0.217	0.113	0.086	3	DWB
		Methylnaph-thalenes	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±13%	NS	0.092-1.704	0.934	0.789	3	DWB
		Methyl (phenanthrene/anthracene)s	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	NS	NS	0.144-2.208	1.002	0.813	2	DWB
		C2-dibenzothio-phenes	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	NS	0.006-0.080	0.036	0.033	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-00198 (cont'd)		C2-naphthalenes	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±20%	NS	0.236-4.394	1.929	2.111	3	DWB
		C2-(phenanthrene/anthracene)	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±30%	NS	0.102-1.369	0.685	0.597	3	DWB
		C3-naphthalenes	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±5%	NS	0.523-9.149	2.388	1.368	3	DWB
		C3-(phenanthrene/anthracene)	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±53%	NS	0.027-0.423	0.208	0.205	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		C4-naphthalenes	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±16%	NS	0.213-3.803	0.988	0.410	3	DWB
		C4-(phenanthrene /anthracene)	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±79%	NS	0.006-0.060	0.033	0.030	3	DWB
		CHR	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±24%	-8.2%	0.003-0.206	0.096	0.083	4	DWB
		Dibenzothiophene	μmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±39%	NS	0.016-0.179	0.065	0.054	3	DWB
		Farnesane	μmol.kg^{-1}	33	33	33	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.004-132.076	16.014	1.745	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		FLU	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	-15%	±24%	0.002-0.139	0.063	0.055	4	DWB
		Fluorene	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±38%	+6.1%	0.018-0.235	0.124	0.133	4	DWB
		NAPH	µmol.kg^{-1}	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±15%	-26%	0.031-0.477	0.236	0.172	4	DWB
		nC10	µmol.kg^{-1}	33	33	22	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-10.563	1.684	<0.035	3	DWB
		nC11	µmol.kg^{-1}	33	33	27	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±123%	NS	0.000-22.436	3.037	0.833	3	DWB
		nC12	µmol.kg^{-1}	33	33	30	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±60%	NS	0.000-82.353	11.095	<0.794	3	DWB
		nC13	µmol.kg^{-1}	33	33	31	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.000-130.435	16.155	3.098	3	DWB
		nC14	µmol.kg^{-1}	33	33	31	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±48%	NS	0.000-60.606	8.765	2.273	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		nC15	μmol.kg^{-1}	33	33	32	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±29%	NS	0.000-51.9	6.78	<1.44	3	DWB
		nC16	μmol.kg^{-1}	33	33	32	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±21%	NS	0.000-79.6	6.39	<1.20	3	DWB
		nC17	μmol.kg^{-1}	33	33	33	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±33%	NS	0.075-129	7.19	3.04	3	DWB
		nC18	μmol.kg^{-1}	33	33	33	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±31%	NS	0.059-74.8	3.85	1.46	3	DWB
		nC19	μmol.kg^{-1}	33	33	32	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±30%	NS	0.000-220	7.82	<0.448	3	DWB
		nC20	μmol.kg^{-1}	33	33	33	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±51%	NS	0.075-64	2.78	0.957	3	DWB
		nC21	μmol.kg^{-1}	33	33	32	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±32%	NS	0.000-642	20.7	<0.237	3	DWB
		nC22	μmol.kg^{-1}	33	33	31	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.000-229	7.96	0.300	3	DWB
		nC23	μmol.kg^{-1}	33	33	31	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.000-432	14.6	0.290	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		nC24	μmol.kg^{-1}	33	33	28	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.000-562	20.6	<0.061	3	DWB
		nC25	μmol.kg^{-1}	33	33	28	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.000-597	21.8	<0.060	3	DWB
		nC26	μmol.kg^{-1}	33	33	25	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.000-574	23.2	0.041	3	DWB
		nC27	μmol.kg^{-1}	33	33	27	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±40%	NS	0.000-500	18.8	0.076	3	DWB
		nC28	μmol.kg^{-1}	33	33	20	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±66%	NS	0.000-431	21.8	-	3	DWB
		nC29	μmol.kg^{-1}	33	33	18	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.000-490	27.6	-	3	DWB
		nC30	μmol.kg^{-1}	33	33	14	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±73%	NS	0.000-355	25.7	-	3	DWB
		nC31	μmol.kg^{-1}	33	33	14	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±75%	NS	0.000-344	25.0	-	3	DWB
		nC32	μmol.kg^{-1}	33	33	9	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-189	21.3	-	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		nC33	$\mu mol.kg^{-1}$	33	33	6	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±69%	NS	0.000-127	21.6	-	3	DWB
		nC34	$\mu mol.kg^{-1}$	33	33	4	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.000-85.8	21.9	-	3	DWB
		nC35	$\mu mol.kg^{-1}$	33	33	4	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±77%	NS	0.000-50.8	13.0	-	3	DWB
		nC36	$\mu mol.kg^{-1}$	33	33	3	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±61%	NS	0.000-25.7	8.88	-	3	DWB
		Norfarnesane (a)	$\mu mol.kg^{-1}$	33	33	24	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-126	16.5	<0.118	3	DWB
		Norfarnesane (b)	$\mu mol.kg^{-1}$	33	33	23	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±104%	NS	0.000-105	17.0	0.137	3	DWB
		Norfarnesane (c)	$\mu mol.kg^{-1}$	33	33	30	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±101%	NS	0.000-153	17.0	<0.528	3	DWB
		Norfarnesane (d)	$\mu mol.kg^{-1}$	33	33	30	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-84	14.0	<0.395	3	DWB
		Norfarnesane (e)	$\mu mol.kg^{-1}$	33	33	30	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±105%	NS	0.000-163	24.8	<0.711	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		Norpristane	$\mu mol.kg^{-1}$	33	33	33	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.043-47.2	8.08	1.30	3	DWB
		PERY	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.007-1.2	0.500	0.399	3	DWB
		PHEN	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.045-2.89	0.586	0.461	3	DWB
		PHYT	$\mu mol.kg^{-1}$	33	33	33	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±24%	NS	0.057-103	7.530	1.596	3	DWB
		PRIS	$\mu mol.kg^{-1}$	33	33	33	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±17%	NS	0.101-82.1	10.7	2.50	3	DWB
		PYR	$\mu mol.kg^{-1}$	13	13	13	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±14%	NS	0.006-0.243	0.117	0.104	3	DWB
		Total isoprenoids	$\mu g.kg^{-1}$	33	33	31	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±19%	NS	62-207900	29700	3664	3	DWB
		Total n-alkanes	$\mu g.kg^{-1}$	33	33	31	Ponar grab (0.06 m^2), or diver	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±22%	NS	314-2289700	84222	6047	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
86-0019B (cont'd)		Ba	mmol.kg^{-1}	33	33	31	Ponar grab (0.06 m^2) or diver	Whirlpak bags stored at room temperature	homogenised, subsampled, dried, ground, sieved, digested by fusion with $Li_2B_4O_7$ in $LiNO_3$; FAAS	±4.1%	±21%, ±16%	2.26-947	99.8	13.0	4	DWB
86-0020	BENTHOS	Total Lipids	%	40	26	26	Bongo tows	frozen	extracted (Bligh and Dyer, 1959)/dried, weighed	NS	NS	3.8-59.3	23.8	22.7	2	DWB; data based on sample means
		Cholesterol	% of total lipids	40	26	26	Bongo tows	frozen	extracted (Bligh and Dyer, 1959)/dried, loaded onto silica acid columns, eluted under nitrogen	NS	NS	2.1-23.2	9.0	8.2	2	DWB; data based on sample means
		Fatty acids	% of total lipids	40	26	26	Bongo tows	frozen	extracted (Bligh and Dyer, 1959)/dried, loaded onto silica acid columns, eluted under nitrogen	NS	NS	3.5-24.8	8.6	6.7	2	DWB; data based on sample means
		Phospho-lipids	% of total lipids	40	26	26	Bongo tows	frozen	extracted (Bligh and Dyer, 1959)/dried, analysis method of Petiton et al. (1978)	NS	NS	9.7-59.2	29.1	27.7	2	DWB; data based on sample means
		Triglycerides	% of total lipids	40	26	26	Bongo tows	frozen	extracted (Bligh and Dyer, 1959)/dried, loaded onto silica acid columns, eluted under nitrogen	NS	NS	4.2-54.4	13.7	9.4	2	DWB; data based on sample means
		Wax esters	% of total lipids	40	26	26	Bongo tows	frozen	extracted (Bligh and Dyer, 1959)/dried, loaded onto silica acid columns, eluted under nitrogen	NS	NS	16.9-81.0	45.0	42.3	2	DWB; data based on sample means
87-0003	SEAWATER	chl a	mg.m^{-3}	61	164	164	Niskin, Go-Flo bottles and submersible pumps	filtered through Whatman GF/C glass fibre filters, frozen	Turner Design fluorometer (Strickland and Parsons, 1972)	±7%	NS	0.0100-5.19	0.557	0.138	3	
		NO_3	mmol.m^{-3}	30	91	91	Niskin, Go-Flo bottles and submersible pumps	frozen in polystyrene or glass test tubes	colorimetry AuA Technicon Method 158-71W	±0.3%	±3%	0.1-17.3	8.12	9.1	4	
		PO_4	mmol.m^{-3}	61	209	209	Niskin, Go-Flo bottles and submersible pumps	frozen in polystyrene or glass test tubes	colorimetry AuA Modified Technicon Method - Brynjolfson 1973	±1%	±3%	0.01-2.01	0.804	0.77	4	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0003 (cont'd)		SiO$_3$	mmol.m^{-3}	62	210	210	Niskin, Go-Flo bottles and submersible pumps	frozen in polystyrene or glass test tubes	colorimetry AuA Technicon Method 186-72W	±0.3%	±3%	0.9000-57.50	12.86	4.200	4	
		O$_2$	mol.m^{-3}	53	197	197	Niskin, Go-Flo bottles and submersible pumps	'pickled' immediately after collection	micro WT (Carpenter, 1965)	±0.5%	±1%	0.245-0.427	0.337	0.325	4	
		POC	mmol.m^{-3}	61	190	190	Niskin, Go-Flo bottles and submersible pumps	filtered through Whatman GF/F glass fibre filters, frozen	Perkin-Elmer Model 240 elemental analyzer	±0.04%	NS	0.9741-242.8	13.65	3.006	3	
		PON	mmol.m^{-3}	61	190	190	Niskin, Go-Flo bottles and submersible pumps	filtered through Whatman GF/F glass fibre filters, frozen	Perkin-Elmer Model 240 elemental analyzer	±0.4%	NS	0.0785-16.03	1.434	0.3677	3	
		SPM	g.m^{-3}	57	158	158	Niskin, Go-Flo bottles and submersible pumps	frozen following filtration through a 0.45 µm Nuclepore filter	filtration, drying and weighing of residue on filter (MacDonald et al., 1983)	7%-25%	NS	0.0400-357	8.83	0.135	3	
87-0004A	FISH - BILE	PAH Metabolites	ng.mL-1 B(a)P equiv.	2	10	10	trawl and gillnet	frozen immediately over dry ice in hydrocarbon clean glass vials	Varian 5000 Series HPLC equipped with a Varichrom UV/Fluorescence detector, Krahn et al. (1986)	NS	NS	100-760	459	300	2	
	FISH - DORSAL MUSCLE	Lipids	%	1	1	1	trawl and gillnet	frozen	extracted by homogenising 500 mg with 80 mL of 2:1 chloroform/methanol, filtered, extracted with NaCl, concentration measured colorimetrically	NS	NS	-	1.0	-	2	
	FISH - GILL	MFO	pmol.mg^{-1} min^{-1}	2	8	8	trawl and gillnet	immediately frozen on dry ice	7-ethoxyresorufin O-deethylase method	NS	NS	0.30-2.40	0.85	0.6	2	
	FISH - LIVER	Lipids	%	2	10	10	trawl and gillnet	frozen	extracted by homogenising 500 mg with 80 mL of 2:1 chloroform/methanol, filtered, extracted with NaCl, concentration measured colorimetrically	NS	NS	4.8-27.0	13.1	7.9	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004A (cont'd)		MFO	pmol.mg^{-1} min^{-1}	2	9	9	trawl and gillnet	immediately frozen on dry ice	7-ethoxyresorufin O-deethylase method	NS	NS	0.2-1.4	0.9	0.9	2	
87-0004B	FISH - BILE	ANTH	µmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(a)A	µmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(a)P	µmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(e)P	µmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(g,h,i)-perylene	µmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		BF	µmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC12 - nC21	$\mu mol.kg^{-1}$	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		nC22	$\mu mol.kg^{-1}$	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.22	0.22	-	2	
		nC23	$\mu mol.kg^{-1}$	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.24	0.24	-	2	
		nC24	$\mu mol.kg^{-1}$	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-2.66	2.66	-	2	
		nC25	$\mu mol.kg^{-1}$	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-8.20	8.20	-	2	
		nC26 - nC28	$\mu mol.kg^{-1}$	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC29	$\mu mol.kg^{-1}$	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.20	0.20	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT- IONS	NO. SAM- PLES	NO. SAM- PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC30 - nC32	µmol.kg^{-1}	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC33	µmol.kg^{-1}	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-1.08	1.08	-	2	
		nC34 - nC36	µmol.kg^{-1}	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		CHR	µmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		Dibenz(a,h)-anthracene	µmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		FLU	μmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		Fluorene	μmol.kg^{-1}	3	7	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.008	0.008	-	2	
		Indeno(1,2, 3-c,d)pyrene	μmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		NAPH	μmol.kg^{-1}	3	7	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0170-0.0770	0.054	0.068	2	
		PAH Metabolites	ng.mL^{-1} B(a)P equiv.	3	71	71	trawl and gillnet	frozen immediately over dry ice in hydrocarbon clean glass vials	Varian 5000 Series HPLC equipped with a Varichrom UV/Fluorescence detector, Krahn et al. (1986)	NS	NS	20-980	469	470	2	
		PERY	μmol.kg^{-1}	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)	FISH - DORSAL MUSCLE	PHEN	$\mu mol.kg^{-1}$	3	7	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.007-0.017	0.012	0.12	2	
		PYR	$\mu mol.kg^{-1}$	3	7	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		ANTH	$\mu mol.kg^{-1}$	3	20	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.000-0.001	0.001	0.001	2	
		B(a)A	$\mu mol.kg^{-1}$	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(a)P	$\mu mol.kg^{-1}$	3	20	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.000-0.016	0.007	0.008	2	
		B(e)P	$\mu mol.kg^{-1}$	3	20	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0001-0.012	0.005	0.0002	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		B(g,h,i)-perylene	μmol.kg^{-1}	3	20	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0003-0.021	0.006	0.0007	2	
		BF	μmol.kg^{-1}	3	20	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0002-0.012	0.004	0.001	2	
		nC12	μmol.kg^{-1}	3	20	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.029-0.059	0.042	0.041	2	
		nC13	μmol.kg^{-1}	3	20	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.003-0.102	0.024	0.011	2	
		nC14	μmol.kg^{-1}	3	20	13	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.0005-0.157	0.036	0.025	2	
		nC15	μmol.kg^{-1}	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.014-0.410	0.124	0.052	2	
		nC16	μmol.kg^{-1}	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.009-0.221	0.064	0.031	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC17	$\mu mol.kg^{-1}$	3	20	15	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.021-0.321	0.121	0.096	2	
		nC18	$\mu mol.kg^{-1}$	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.020-0.158	0.073	0.043	2	
		nC19	$\mu mol.kg^{-1}$	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.002-0.54	0.09	0.032	2	
		nC20	$\mu mol.kg^{-1}$	3	20	12	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.01-0.17	0.06	0.036	2	
		nC21	$\mu mol.kg^{-1}$	3	20	17	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.002-0.096	0.038	0.027	2	
		nC22	$\mu mol.kg^{-1}$	3	20	14	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.003-0.145	0.048	0.023	2	
		nC23	$\mu mol.kg^{-1}$	3	20	16	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.003-0.139	0.049	0.023	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC24	μmol.kg^{-1}	3	20	14	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.006-0.610	0.118	0.030	2	
		nC25	μmol.kg^{-1}	3	20	16	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.006-1.41	0.15	0.03	2	
		nC26	μmol.kg^{-1}	3	20	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.0005-0.18	0.04	0.02	2	
		nC27	μmol.kg^{-1}	3	20	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.003-0.158	0.042	0.018	2	
		nC28	μmol.kg^{-1}	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.005	0.005	-	2	
		nC29	μmol.kg^{-1}	3	20	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.003-0.074	0.021	0.005	2	
		nC30	μmol.kg^{-1}	3	20	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.06-0.15	0.11	0.11	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC31	µmol.kg^{-1}	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC32	µmol.kg^{-1}	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC33	µmol.kg^{-1}	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC34	µmol.kg^{-1}	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.27	0.27	-	2	
		nC35	µmol.kg^{-1}	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC36	µmol.kg^{-1}	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.01	0.01	-	2	
		CHR	µmol.kg^{-1}	3	20	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		Dibenz(a,h)-anthracene	$\mu mol.kg^{-1}$	3	20	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0003-0.025	0.012	0.011	2	
		Farnesane	$\mu mol.kg^{-1}$	3	20	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.008-0.142	0.057	0.032	2	
		FLU	$\mu mol.kg^{-1}$	3	20	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0002-0.010	0.003	0.002	2	
		Fluorene	$\mu mol.kg^{-1}$	3	20	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.001-0.021	0.010	0.009	2	
		Indeno(1,2,3-c,d)pyrene	$\mu mol.kg^{-1}$	3	20	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0001-0.021	0.009	0.001	2	
		NAPH	$\mu mol.kg^{-1}$	3	20	15	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.016-0.203	0.090	0.078	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		Norpristane	$\mu mol.kg^{-1}$	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.012-0.209	0.052	0.0216	2	
		PERY	$\mu mol.kg^{-1}$	3	20	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0002-0.016	0.007	0.002	2	
		PHEN	$\mu mol.kg^{-1}$	3	20	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0002-0.053	0.022	0.019	2	
		PHYT	$\mu mol.kg^{-1}$	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.036-0.606	0.185	0.075	2	
		PRIS	$\mu mol.kg^{-1}$	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.164-44.8	12.6	3.03	2	
		PYR	$\mu mol.kg^{-1}$	3	20	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0001-0.006	0.003	0.002	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		Total PAH	μg.kg^{-1}	3	20	18	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	2.9-49.0	15.3	10.0		WWB
		Lipids	%	3	71	71	trawl and gillnet	frozen	extracted by homogenising 500 mg with 80 mL of 2:1 chloroform/methanol, filtered, extracted with NaCl, concentration measured colorimetrically	NS	NS	0.57-62.0	3.97	2.80	2	
	FISH - GILL	MFO	pmol.mg^{-1} min-1	3	62	62	trawl and gillnet	immediately frozen on dry ice	7-ethoxyresorufin O-deethylase method	NS	NS	0.00-4.9	0.74	0.25	2	
	FISH - LIVER	ANTH	μmol.kg^{-1}	3	19	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.002-0.006	0.003	0.003	2	
		B(a)A	μmol.kg^{-1}	3	19	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		B(a)P	μmol.kg^{-1}	3	19	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.027	0.027	-	2	
		Benzo(b)-fluoranthene	μmol.kg^{-1}	3	19	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		B(e)P	μmol.kg^{-1}	3	19	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.023	0.023	-	2	
		B(g,h,i)-perylene	μmol.kg^{-1}	3	1	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.054	0.054	-	2	
		BF	μmol.kg^{-1}	3	19	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0003-0.155	0.058	0.019	2	
		nC12	μmol.kg^{-1}	3	20	5	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.65-64.7	14.0	1.65	2	
		nC13	μmol.kg^{-1}	3	20	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.815-2.53	1.87	1.67	2	
		nC14	μmol.kg^{-1}	3	20	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.015-0.561	0.228	0.134	2	
		nC15	μmol.kg^{-1}	3	20	15	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.170-1.93	0.524	0.368	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC16	$\mu mol.kg^{-1}$	3	20	15	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.071-1.496	0.495	0.327	2	
		nC17	$\mu mol.kg^{-1}$	3	20	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.054-3.229	1.987	1.415	2	
		nC18	$\mu mol.kg^{-1}$	3	20	11	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.043-1.614	0.539	0.394	2	
		nC19	$\mu mol.kg^{-1}$	3	20	11	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.019-1.493	0.465	0.272	2	
		nC20	$\mu mol.kg^{-1}$	3	20	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.043-0.922	0.321	0.248	2	
		nC21	$\mu mol.kg^{-1}$	3	20	8	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.017-32.297	9.907	0.233	2	
		nC22	$\mu mol.kg^{-1}$	3	20	12	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.042-14.194	4.477	0.686	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC23	µmol.kg^{-1}	3	20	10	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.019-22.840	5.145	0.491	2	
		nC24	µmol.kg^{-1}	3	20	16	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.888-121.302	28.759	8.356	2	
		nC25	µmol.kg^{-1}	3	20	19	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	2.367-795.455	128.918	34.091	2	
		nC26	µmol.kg^{-1}	3	20	19	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.984-300.546	52.829	15.383	2	
		nC27	µmol.kg^{-1}	3	20	18	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	4.105-243.174	46.457	14.233	2	
		nC28	µmol.kg^{-1}	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	1.447-80.457	21.959	7.450	2	
		nC29	µmol.kg^{-1}	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney *et al.*, 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	4.167-139.216	34.561	17.157	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC30	$\mu mol.kg^{-1}$	3	20	18	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	1.754-22.512	7.837	4.704	2	
		nC31	$\mu mol.kg^{-1}$	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	2.294-33.945	11.278	5.275	2	
		nC32	$\mu mol.kg^{-1}$	3	20	14	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.444-7.778	2.584	1.444	2	
		nC33	$\mu mol.kg^{-1}$	3	20	14	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.019-8.405	2.980	1.561	2	
		nC34	$\mu mol.kg^{-1}$	3	20	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.084-4.477	1.780	1.862	2	
		nC35	$\mu mol.kg^{-1}$	3	20	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.039-4.472	1.648	0.429	2	
		nC36	$\mu mol.kg^{-1}$	3	20	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.154	0.154	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		CHR	μmol.kg^{-1}	3	19	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	-	-	-	2	
		Dibenz(a,h)-anthracene	μmol.kg^{-1}	3	19	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.047	0.047	-	2	
		Farnesane	μmol.kg^{-1}	3	19	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.047-0.311	0.119	0.086	2	
		FLU	μmol.kg^{-1}	3	19	6	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.002-0.012	0.006	0.003	2	
		Fluorene	μmol.kg^{-1}	3	19	7	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.010-0.212	0.067	0.029	2	
		Indeno(1,2,3-c,d)pyrene	μmol.kg^{-1}	3	19	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.0399	0.0399	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		NAPH	μmol.kg^{-1}	3	19	19	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.024-27.656	2.172	0.555	2	
		Norpristane	μmol.kg^{-1}	3	19	11	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.039-1.012	0.432	0.354	2	
		PERY	μmol.kg^{-1}	3	19	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	<dl-0.031	0.031	-	2	
		PHEN	μmol.kg^{-1}	3	19	13	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.002-0.483	0.134	0.101	2	
		PHYT	μmol.kg^{-1}	3	19	19	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.086-25.887	3.696	0.957	2	
		PRIS	μmol.kg^{-1}	3	19	19	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	2.582-708.955	142.443	63.433	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		PYR	$\mu mol.kg^{-1}$	3	19	9	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.001-0.030	0.010	0.009	2	
		Total PAH	$\mu g.kg^{-1}$	3	20	20	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	8-3585	289	58	2	
		Lipids	%	3	62	62	trawl and gillnet	NS	extracted by homogenising 500 mg with 80 mL of 2:1 chloroform/methanol, filtered, extracted with NaCl, concentration measured colorimetrically	NS	NS	1.4-49.0	25.0	24.0	2	
		MFO	$pmol.mg^{-1}$ min-1	3	67	67	trawl and gillnet	immediately frozen on dry ice	7-ethoxyresorufin O-deethylase method	NS	NS	0.100-5.000	0.508	0.400	2	
	FISH - TISSUE	Hg	$\mu mol.kg^{-1}$	3	20	13	trawl and gillnet	frozen in Whirlpak bags	CVAAS; Bothner (1974)	±(5-10)%	NS	0.548-5.633	1.977	1.197	2	
	SEA WATER	ANTH	$\mu mol.kg^{-1}$	2	4	0	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	-	-	-	2	
		B(a)A	$\mu mol.kg^{-1}$	2	4	1	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	<dl-0.044	0.044	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		B(a)P	μmol.kg^{-1}	2	4	0	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	-	-	-	2	
		B(e)P	μmol.kg^{-1}	2	4	1	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	<dl-0.002	0.002	-	2	
		B(g,h,i)-perylene	μmol.kg^{-1}	2	4	0	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	-	-	-	2	
		BF	μmol.kg^{-1}	2	4	0	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	-	-	-	2	
		nC12	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.011-0.049	0.030	0.024	2	
		nC13	μmol.kg^{-1}	2	4	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.0005-0.015	0.008	0.010	2	
		nC14	μmol.kg^{-1}	2	4	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.009-0.014	0.011	0.011	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC15	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.001-0.022	0.009	0.005	2	
		nC16	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.002-0.027	0.012	0.008	2	
		nC17	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.002-0.037	0.014	0.009	2	
		nC18	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.001-0.024	0.010	0.007	2	
		nC19	μmol.kg^{-1}	2	4	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.001-0.024	0.011	0.009	2	
		nC20	μmol.kg^{-1}	2	4	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.0004-0.019	0.008	0.008	2	
		nC21	μmol.kg^{-1}	2	4	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.002-0.018	0.010	0.010	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC22	$\mu mol.kg^{-1}$	2	4	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.001 0.013	0.007	0.007	2	
		nC23	$\mu mol.kg^{-1}$	2	4	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.0009-0.016	0.008	0.008	2	
		nC24	$\mu mol.kg^{-1}$	2	4	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.009	0.009	-	2	
		nC25	$\mu mol.kg^{-1}$	2	4	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.014	0.014	-	2	
		nC26	$\mu mol.kg^{-1}$	2	4	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.009	0.009	-	2	
		nC27	$\mu mol.kg^{-1}$	2	4	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.011	0.011	-	2	
		nC28	$\mu mol.kg^{-1}$	2	4	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.005	0.005	-	28	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC29	µmol.kg^{-1}	2	4	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.014	0.014	-	2	
		nC30	µmol.kg^{-1}	2	4	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		nC31	µmol.kg^{-1}	2	4	1	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	<dl-0.009	0.009	-	2	
		nC32 - nC36	µmol.kg^{-1}	2	4	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		CHR	µmol.kg^{-1}	2	4	1	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	<dl-0.001	0.001	-	2	
		Dibenz(a,h)-anthracene	µmol.kg^{-1}	2	4	0	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	-	-	-	2	
		Farnesane	µmol.kg^{-1}	2	4	0	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	-	-	-	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (Cont'd)		FLU	µmol.kg^{-1}	2	4	4	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.0003-0.015	0.004	0.0006	2	
		Fluorene	µmol.kg^{-1}	2	4	3	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.0006-0.005	0.003	0.002	2	
		Indeno(1,2, 3-c,d)pyrene	µmol.kg^{-1}	2	4	0	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	-	-	-	2	
		NAPH	µmol.kg^{-1}	2	4	2	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.188-0.750	0.469	0.469	2	
		Norpristane	µmol.kg^{-1}	2	4	2	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.006-0.011	0.008	0.008	2	
		PERY	µmol.kg^{-1}	2	4	2	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.0002-0.008	0.004	0.004	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		PHEN	μmol.kg^{-1}	2	4	4	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.001-0.045	0.019	0.006	2	
		PHYT	μmol.kg^{-1}	2	4	2	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.006-0.014	0.010	0.0100	2	
		PRIS	μmol.kg^{-1}	2	4	2	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.009-0.023	0.016	0.016	2	
		PYR	μmol.kg^{-1}	2	4	4	Seastar water samplers onto Amberlite XAD-2 columns	glass fibre filter folded and placed into a precleaned aluminum foil pouch, frozen	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, dry nitrogen jet evaporation; GC/MS	NS	NS	0.0002-0.010	0.003	0.0003	2	
	SUSPENDED PARTICULATES	ANTH	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0002-0.0006	0.0003	0.0003	2	
		B(a)A	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0002-0.0020	0.0008	0.0006	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		B(a)P	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0002-0.0020	0.001	0.0005	2	
		B(e)P	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.001-0.012	0.005	0.002	2	
		B(g,h,i)-perylene	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.001-0.011	0.004	0.002	2	
		BF	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0008-0.008	0.004	0.0018	2	
		nC12	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.003-0.025	0.013	0.007	2	
		nC13	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.010-0.065	0.029	0.018	2	
		nC14	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.034-0.192	0.085	0.053	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC15	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.094-0.519	0.232	0.134	2	
		nC16	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.089-0.792	0.321	0.162	2	
		nC17	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.041-0.538	0.203	0.093	2	
		nC18	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.019-0.201	0.079	0.0410	2	
		nC19	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.015-0.086	0.046	0.0390	2	
		nC20	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.010-0.067	0.038	0.034	2	
		nC21	µmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.009-0.071	0.037	0.032	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC22	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.009-0.055	0.027	0.022	2	
		nC23	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.006-0.053	0.028	0.023	2	
		nC24	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.005-0.041	0.020	0.016	2	
		nC25	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.008-0.060	0.027	0.020	2	
		nC26	$\mu mol.kg^{-1}$	2	4	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.005-0.021	0.015	0.020	2	
		nC27	$\mu mol.kg^{-1}$	2	4	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.005-0.029	0.017	0.017	2	
		nC28	$\mu mol.kg^{-1}$	2	4	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.002-0.053	0.022	0.010	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		nC29	$\mu mol.kg^{-1}$	2	4	3	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.004-0.052	0.027	0.025	2	
		nC30	$\mu mol.kg^{-1}$	2	4	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.010-0.017	0.013	0.013	2	
		nC31	$\mu mol.kg^{-1}$	2	4	2	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	0.021-0.037	0.029	0.029	2	
		nC32 - nC36	$\mu mol.kg^{-1}$	2	4	0	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with pentane, Kuderna-Danish concentrator; GC/FID	NS	NS	-	-	-	2	
		CHR	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.001-0.009	0.004	0.002	2	
		Dibenz(a,h)-anthracene	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0004-0.002	0.0008	0.0006	2	
		Farnesane	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.003-0.018	0.009	0.006	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		FLU	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.001-0.005	0.003	0.003	2	
		Fluorene	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.001-0.006	0.003	0.002	2	
		Indeno(1,2, 3-c,d)pyrene	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.0001-0.001	0.0007	0.0004	2	
		NAPH	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.023-0.148	0.072	0.051	2	
		Norpristane	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.019-0.217	0.084	0.041	2	
		PERY	$\mu mol.kg^{-1}$	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.002-0.028	0.012	0.005	2	

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0004B (cont'd)		PHEN	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.005-0.028	0.012	0.008	2	
		PHYT	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.014-0.106	0.045	0.028	2	
		PRIS	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.056-0.272	0.124	0.078	2	
		PYR	μmol.kg^{-1}	2	4	4	trawl and gillnet	frozen in hydrocarbon clean glass bottles	serial extraction with pentane (modified Cretney et al., 1980), eluted with dichloromethane, Kuderna-Danish concentrator; GC/MS	NS	NS	0.001-0.005	0.003	0.003	2	
87-0005A	SEDIMENTS	ANTH	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±125%	+24%	0.000-0.025	0.004	0.002	4	Post-drilling sampling at Kaubvik I-43
		B(a)A	μmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-8.2%	0.0009-0.009	0.004	0.003	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STATIONS	NO. SAMPLES	NO. SAMPLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		B(a)P	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±74%	-42%	0.0012-0.131	0.014	0.002	4	DWB
		B(e)P	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±37%	NS	0.056-0.282	0.180	0.194	3	DWB
		BF	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	-32%	0.004-0.103	0.029	0.023	4	DWB
		Methyldibenzo-thiophenes	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±97%	NS	0.000-0.147	0.036	0.020	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		Methyl-naphthalenes	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±13%	NS	0.465-1.937	1.371	1.338	3	DWB
		Methyl (phenanthrene/ anthracene)s	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	NS	NS	0.008-2.344	1.318	1.563	2	DWB
		C2-dibenzothio-phenes	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±50%	NS	0.000-0.094	0.019	0.009	3	DWB
		C2-naphthalenes	$\mu mol.kg^{-1}$	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±20%	NS	0.813-4.594	2.239	1.938	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		C2-(phenanthrene /anthracene)	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kudema-Danish concentrator/GCMS	±30%	NS	0.107-0.728	0.542	0.617	3	DWB
		C3-naphthalenes	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kudema-Danish concentrator/GCMS	±5%	NS	0.494-4.741	1.740	1.552	3	DWB
		C3-(phenanthrene /anthracene)	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kudema-Danish concentrator/GCMS	±53%	NS	0.023-0.200	0.098	0.100	3	DWB
		C4-naphthalenes	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kudema-Danish concentrator/GCMS	±16%	NS	0.178-2.367	0.698	0.665	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		C4-(phenanthrene /anthracene)	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±79%	NS	0.0009-0.013	0.005	0.003	3	DWB
		CHR	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±24%	-8.2%	0.040-0.307	0.192	0.189	4	DWB
		Dibenzo-thiophene	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	±39%	NS	0.0005-0.174	0.066	0.065	3	DWB
		Farnesane	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.274-84.906	6.236	1.066	3	DWB
		FLU	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	serially extracted with pentane/decanted through glass fibre filter/washed by back extraction with pre-extracted water/dried over anhydrous sodium sulphate in Kuderna-Danish concentrator/GCMS	-15%	±24%	0.030-0.302	0.103	0.094	4	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		Fluorene	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±38%	+6.1%	0.0006-0.163	0.066	0.072	4	DWB
		NAPH	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±15%	-26%	0.195-0.781	0.447	0.383	4	DWB
		nC10	µmol.kg^{-1}	31	31	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-70.4	3.77	0.613	3	DWB
		nC11	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extracion, GC/FID (adaptation of Cretney et al., 1980)	±123%	NS	0.417-641	34.8	3.08	3	DWB
		nC12	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±60%	NS	0.477-224	13.1	1.94	3	DWB
		nC13	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.179-65.2	5.83	1.74	3	DWB
		nC14	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±48%	NS	0.222-55.6	5.08	1.97	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		nC15	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±29%	NS	0.245-31.6	4.21	2.64	3	DWB
		nC16	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±21%	NS	0.137-12.8	2.68	2.21	3	DWB
		nC17	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±33%	NS	0.142-9.17	2.26	2.17	3	WWB
		nC18	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±31%	NS	0.095-5.12	1.48	1.54	3	DWB
		nC19	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±30%	NS	0.082-2.95	1.26	1.23	3	DWB
		nC20	µmol.kg^{-1}	31	31	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±51%	NS	0.000-1.95	0.89	<0.408	3	DWB
		nC21	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±32%	NS	0.044-1.49	0.740	0.710	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		nC22	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.045-1.23	0.534	0.516	3	DWB
		nC23	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.043-1.54	0.604	0.586	3	DWB
		nC24	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.033-1.07	0.370	0.325	3	DWB
		nC25	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.043-2.64	0.596	0.483	3	DWB
		nC26	μmol.kg^{-1}	31	31	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.000-0.820	0.273	<0.116	3	DWB
		nC27	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±40%	NS	0.042-2.05	0.597	0.553	3	DWB
		nC28	μmol.kg^{-1}	31	31	28	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±66%	NS	0.000-0.863	0.249	<0.099	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0006A (cont'd)		nC29	$\mu mol.kg^{-1}$	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.012-1.40	0.411	0.343	3	DWB
		nC30	$\mu mol.kg^{-1}$	31	31	32	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±73%	NS	0.000-0.308	0.112	<0.017	3	DWB
		nC31	$\mu mol.kg^{-1}$	31	31	27	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±75%	NS	0.000-0.757	0.264	0.186	3	DWB
		nC32	$\mu mol.kg^{-1}$	31	31	23	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-0.933	0.166	0.047	3	DWB
		nC33	$\mu mol.kg^{-1}$	31	31	12	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±69%	NS	0.000-1.293	0.250	-	3	DWB
		nC34	$\mu mol.kg^{-1}$	31	31	5	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±88%	NS	0.000-0.080	0.049	-	3	DWB
		nC35	$\mu mol.kg^{-1}$	31	31	3	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±77%	NS	0.000-0.203	0.114	-	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		nC36	μmol.kg^{-1}	31	31	5	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±61%	NS	0.000-0.731	0.268	-	3	DWB
		Norfarnesane (a)	μmol.kg^{-1}	31	31	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-73.7	5.15	0.542	3	DWB
		Norfarnesane (b)	μmol.kg^{-1}	31	31	28	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±104%	NS	0.000-52.1	3.538	<0.158	3	WWB
		Norfarnesane (c)	μmol.kg^{-1}	31	31	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±101%	NS	0.000-78.9	5.36	0.579	3	DWB
		Norfarnesane (d)	μmol.kg^{-1}	31	31	28	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-46.3	3.205	<0.166	3	DWB
		Norfarnesane (e)	μmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±105%	NS	0.184-89.5	5.77	0.842	3	DWB
		Norpristane	μmol.kg^{-1}	31	31	31	modified Ponar grab with a 0.06 m^2 bite, upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	250 mL hydrocarbon clean glass jars, stored cool until return to lab where homogenised and then frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.161-9.06	1.56	1.22	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		PERY	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.000-1.51	0.624	0.536	3	DWB
		PHEN	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±28%	NS	0.008-1.12	0.560	0.674	3	DWB
		PHYT	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±24%	NS	0.099-3.90	0.996	0.922	3	DWB
		PRIS	µmol.kg^{-1}	31	31	31	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±17%	NS	0.205-10.8	2.208	2.015	3	DWB
		PYR	µmol.kg^{-1}	11	11	11	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±14%	NS	0.064-0.302	0.176	0.178	3	DWB
		Total isoprenoids	µg.kg^{-1}	31	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±19%	NS	591-99000	7845	1431	3	DWB
		Total n-alkanes	µg.kg^{-1}	31	30	30	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±22%	NS	794-178343	14811	3679	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES >d.l.	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units				Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005A (cont'd)		Ba	$mmol.kg^{-1}$	31	31	29	Ponar grab (0.06 m^2), upper 2 cm of sediment skimmed off with a cleaned stainless steel scoop	kept cool in hydrocarbon clean glass jars, homogenised in lab and frozen	homogenised, subsampled, dried, ground, sieved, digested by fusion with $Li_2B_4O_7$ in $LiNO_3$; FAAS	±4.1%	±21%, ±16%	5.315-11.941	7.40	6.99	4	DWB
87-0005B	SEDIMENTS	Farnesane	$\mu mol.kg^{-1}$	10	10	9	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.000-33.4	5.14	0.420	3	Post-drilling sampling at Kaubvik I-43
		nC10	$\mu mol.kg^{-1}$	10	10	9	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-5.00	1.56	1.06	3	DWB
		nC11	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±123%	NS	0.199-98.2	14.3	1.61	3	DWB
		nC12	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±60%	NS	0.518-54.7	7.94	1.12	3	DWB
		nC13	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.707-25.5	4.41	1.33	3	DWB
		nC14	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±48%	NS	0.806-19.7	3.93	1.49	3	DWB
		nC15	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±29%	NS	1.132-16.0	3.78	1.77	3	DWB
		nC16	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±21%	NS	0.974-6.20	2.40	1.86	3	DWB
		nC17	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±33%	NS	1.042-4.58	2.27	1.65	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005B (cont'd)		nC18	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±31%	NS	0.669-1.73	1.30	0.985	3	DWB
		nC19	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±30%	NS	0.522-1.34	1.06	0.821	3	DWB
		nC20	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±51%	NS	0.428-1.06	0.766	0.603	3	DWB
		nC21	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±32%	NS	0.372-0.980	0.720	0.541	3	DWB
		nC22	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±26%	NS	0.258-0.774	0.504	0.371	3	DWB
		nC23	$\mu mol.kg^{-1}$	10	10	10	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.272-0.864	0.558	0.429	3	DWB
		nC24	$\mu mol.kg^{-1}$	10	10	9	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.000-0.592	0.344	0.293	3	DWB
		nC25	$\mu mol.kg^{-1}$	10	10	9	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±35%	NS	0.000-0.739	0.438	0.398	3	DWB
		nC26	$\mu mol.kg^{-1}$	10	10	8	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±36%	NS	0.000-0.410	0.231	<0.086	3	DWB
		nC27	$\mu mol.kg^{-1}$	10	10	9	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±40%	NS	0.000-0.842	0.472	0.395	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0005B (cont'd)		nC28	µmol.kg^{-1}	10	10	7	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±66%	NS	0.000-0.279	0.178	0.084	3	DWB
		nC29	µmol.kg^{-1}	10	10	9	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±58%	NS	0.000-0.515	0.282	0.213	3	DWB
		nC30	µmol.kg^{-1}	10	10	6	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±73%	NS	0.000-0.140	0.089	-	3	DWB
		nC31	µmol.kg^{-1}	10	10	8	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±75%	NS	0.000-0.252	0.170	-	3	DWB
		nC32	µmol.kg^{-1}	10	10	6	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±93%	NS	0.000-0.111	0.060	-	3	DWB
		nC33	µmol.kg^{-1}	10	10	6	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±69%	NS	0.000-0.096	0.061	-	3	DWB
		nC34	µmol.kg^{-1}	10	10	4	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±68%	NS	0.000-0.044	0.035	-	3	DWB
		nC35	µmol.kg^{-1}	10	10	4	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±77%	NS	0.000-0.037	0.028	-	3	DWB
		nC36	µmol.kg^{-1}	10	10	3	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±61%	NS	0.000-0.059	0.033	-	3	DWB
		Norfarnesane (a)	µmol.kg^{-1}	10	10	5	core tube	in hydrocarbon clean glass jars	Kudema-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-22.63	5.214	-	3	DWB

DATASET I.D.	MEDIUM SAMPLED	MEASUREMENT		NO. STAT-IONS	NO. SAM-PLES	NO. SAM-PLES	METHODOLOGY INFORMATION					MEASURED VALUES			DATA RATING	REMARKS
		Qty	Units			>d.l.	Collection	Storage	Analysis	Precision	Accuracy	Range	Mean	Median		
87-0006B (cont'd)		Norfarnesane (b)	μmol.kg^{-1}	10	10	8	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±104%	NS	0.000-15.3	2.90	<0.118	3	DWB
		Norfarnesane (c)	μmol.kg^{-1}	10	10	8	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±101%	NS	0.000-21.6	3.77	<0.124	3	DWB
		Norfarnesane (d)	μmol.kg^{-1}	10	10	7	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±109%	NS	0.000-13.7	2.59	0.074	3	DWB
		Norfarnesane (e)	μmol.kg^{-1}	10	10	8	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±105%	NS	0.000-28.4	4.00	<0.184	3	DWR
		Norpristane	μmol.kg^{-1}	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±27%	NS	0.394-5.12	1.31	0.689	3	DWB
		PHYT	μmol.kg^{-1}	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±24%	NS	0.461-1.35	0.943	0.709	3	DWB
		PRIS	μmol.kg^{-1}	10	10	10	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±17%	NS	0.898-5.60	2.190	1.399	3	DWB
		Total isoprenoids	μmol.kg^{-1}	10	10	2	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±19%	NS	9790-35380	22585	22585	3	DWB
		Total n-alkanes	μmol.kg^{-1}	10	10	2	core tube	in hydrocarbon clean glass jars	Kuderna-Danish solvent extraction, GC/FID (adaptation of Cretney et al., 1980)	±22%	NS	12957-41005	26981	26981	3	DWB

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